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EDMONTON IAP, ALBERTA, CANADA, REVISED UNIFORM SUMMARY OF SURFA--ETC (11)
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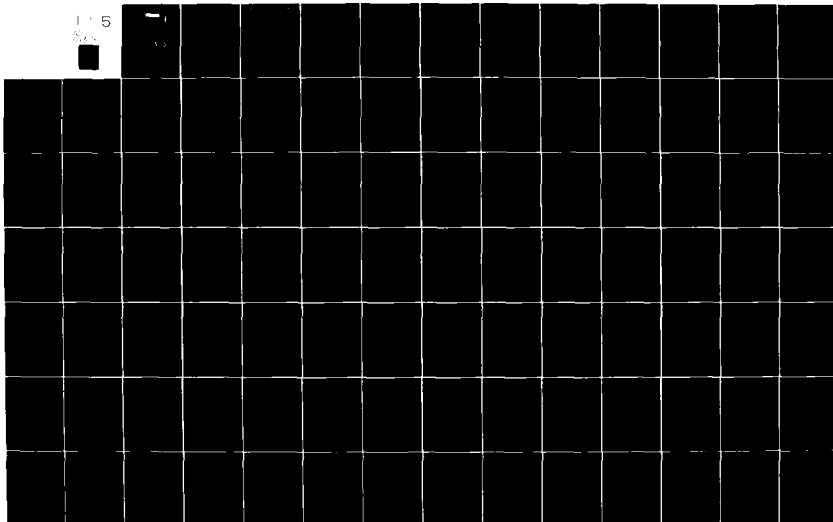
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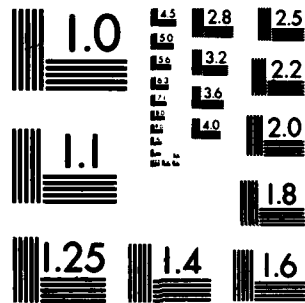
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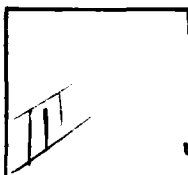
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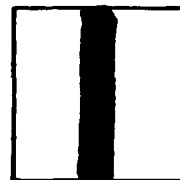
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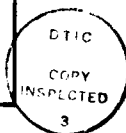
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**REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS**

EDMONTON IAP ON
N 53 19 W 113 35 FLD ELEV 2372 FT YEG NEAN #25142
WMO #71123

PARTS A-F
FOR FROM HOURLY OBS: JUN 73 - MAY 81

TIME CONVERSION GMT TO LST: -7

Q 4 JAN 1982

DEC 30 1981

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Wayne E. McCollom

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Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 82/ 005	2. GOVT ACCESSION NO. ADA113175	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Edmonton IAP, Alberta, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept.
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Edmonton IAP, Alberta, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM
1 JAN 73 1473

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19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Canada Alberta * Edmonton, Canada

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into summary of the day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Hereafter, each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Summaries are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
25142	Edmonton IAP CN	53°19'N	113°35'W	2372	CYEG	71123

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
1	Edmonton IAP CN	DOT	Jun 73	Aug 74	53°19'N	113°35'W	2359	N/A	24
2	Same	DOT	Sep 74	May 81	53°19'N	113°35'W	2372	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 73 to May 81	Not available				

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

20142

EDMONTON IAP CN

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02			.1	32.2		32.2	5.1	.3	1.2		6.4	724
	03-05		.1	.1	30.9		31.0	5.0	.4	1.1		6.5	738
	06-08		.1	.4	30.8	.1	31.2	7.0		.4		7.4	718
	09-11			.4	28.9		29.3	9.8	1.4	.8		12.0	723
	12-14		.4		27.5		27.9	7.3	1.1	.5		6.5	728
	15-17				25.9		25.9	5.6	1.6	1.2		5.3	733
	18-20				23.3		23.3	4.4	.8	.6		5.2	725
	21-23		.3		26.0	.3	26.0	5.1	1.8	.4		6.3	728
TOTALS			.1	.1	28.2	.1	28.4	6.2	.9	.8		7.6	5817

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WEATHER CONDITIONS

21142

EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02			.3	23.8		24.1	2.7		.8		3.5	665
	03-05		.2	.9	23.6		24.6	4.4		.5		4.6	666
	06-08		.5		24.3		24.8	6.1		.5		6.6	553
	09-11				21.9	.2	21.9	9.1	1.2	.6		10.4	657
	12-14		.2		19.2		19.4	4.4	1.1	1.2		6.4	661
	15-17		.4		17.9		18.1	3.7	2.4	1.2		6.4	670
	18-20		.3		18.6		18.8	2.9	.6	1.2		4.3	650
	21-23		.8	.5	22.0		23.1	2.6	.3	.9		3.6	663
TOTALS			.3	.2	21.4	.0	21.9	4.5	.7	.9		5.8	5285

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2 142

EDMONTON IAP CN

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		.6		19.6		23.1	3.2	.6	.3		5.6	721
	03-05		.7	.1	22.2		22.7	5.3	1.2			6.4	735
	06-08		1.1	.6	22.1		23.4	8.3	1.6	.3		9.7	719
	09-11		.7	.1	17.4		20.3	6.9	3.7	.1		10.5	725
	12-14		.6		14.6		15.2	4.5	2.6	.6		6.6	717
	15-17		1.4		10.9		12.1	2.6	5.6	.3		7.3	727
	18-20		1.3		9.9		10.9	2.9	2.9			5.8	716
	21-23		1.1	.7	12.6	.1	14.4	2.4	1.6	.6		4.4	723
TOTALS			.9	.2	16.4	.0	17.4	4.5	2.5	.3		6.7	5767

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

20142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	2.3	.3	10.0		12.1	2.3	.9			2.5	693
	03-05		3.3		9.6		12.7	2.6	.9			2.7	695
	06-08		3.8	.1	9.8		13.2	4.9	1.0			5.3	687
	09-11		3.6		8.9		11.9	4.1	2.9		.1	6.2	689
	12-14		3.9	.1	6.1	.1	13.0	2.5	1.6			3.6	692
	15-17		5.5	.3	5.2		10.3	2.5	2.0		.1	4.5	717
	18-20		3.9		6.0		6.7	1.9	1.0		.4	2.9	701
	21-23		4.9	.3	7.8		11.9	2.2	.9		.3	2.9	691
TOTALS		.0	3.9	.1	7.9	.0	11.4	2.9	1.5		.1	3.9	5558

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AFRICAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

2 142 LOMONTON IAP CN 74-81 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	11.6		1.6		13.0	3.2	.7			3.3	728
	03-05		9.8		2.1		11.4	6.1	1.4			6.2	727
	06-08		9.7		1.5		11.3	6.6	.8			7.3	710
	09-11	.1	12.7		1.7		13.9	4.5	1.0			5.1	719
	12-14		10.5		1.0	.1	11.5	3.9	.8			4.4	711
	15-17	.4	11.2		.5		11.8	3.0	1.0			3.4	731
	18-20	.1	13.4		.6		14.0	3.9	.7			3.9	714
	21-23	.7	11.9		1.0		12.9	2.6	.7			2.6	721
TOTALS		.2	11.4		1.3	.0	12.5	4.2	.9			4.6	5761

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USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

2142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.3	13.8			.1	14.0	.9				.9	701
	03-05	1.3	12.7				12.7	6.0	.1			6.1	702
	06-08	.7	13.2				13.2	7.1	.3			7.1	691
	09-11	.3	12.1				12.1	3.9	.7			4.6	695
	12-14	1.0	11.4				11.4	2.8				2.8	683
	15-17	2.6	11.7				11.7	2.4	.7			2.7	700
	18-20	3.3	11.9			.1	11.9	2.8	.4			3.5	690
	21-23	4.1	14.2				14.2	2.4				2.4	709
TOTALS		2.0	12.6			.0	12.7	3.5	.3			3.7	5571

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WEATHER CONDITIONS

20142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.8	8.0			.1	6.0	2.5				2.5	726
	03-05	.9	9.5				9.5	5.8				5.8	738
	06-08	.6	9.1				9.1	3.5	.3			3.5	718
	09-11	.6	9.3				9.3	2.8	1.1			3.6	720
	12-14	.4	8.6				8.6	2.4	.1			2.4	717
	15-17	2.9	9.0				9.0	.6	.1			.7	723
	18-20	4.9	11.8			.3	11.8	.7				.7	714
	21-23	4.3	11.5				11.5	1.7	.3			1.9	723
TOTALS		2.1	9.6			.1	9.6	2.5	.2			2.6	5779

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

WEATHER CONDITIONS

25142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.5	12.3				12.3	2.1				2.1	724
	03-05	1.2	11.6			.1	11.6	10.8	.7			11.4	730
	06-08	.1	12.2				12.2	13.3	2.1			13.6	715
	09-11	.6	12.2			.1	12.2	6.4	2.8			6.7	724
	12-14	.8	9.5				9.5	2.8	.1			2.9	725
	15-17	2.1	10.6				10.6	1.9	.6		.1	2.9	729
	18-20	3.5	10.9			.1	10.9	2.7				2.7	714
	21-23	4.6	13.1				13.1	1.6	.5			1.8	734
TOTALS		2.1	11.6			.0	11.6	5.2	.9		.0	5.8	5795

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CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

2-142 EDMONTON IAP CN 73-80 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.1	10.0		.4		10.4	3.1				3.1	703
	03-05	.1	10.4		.1		10.6	4.8	.3			4.8	710
	06-08		12.7		.6		13.0	10.8	.3			10.8	663
	09-11	.1	12.8		.9		13.2	6.0	1.4			7.3	703
	12-14	.3	11.3		.3		11.6	2.7	.4			3.2	691
	15-17	.4	11.7		.1		11.7	2.6	1.0			3.6	702
	18-20	.6	11.4		.1	.1	11.6	3.9	.1			4.0	701
	21-23		12.1		.6		12.6	3.2	.1			3.4	708
TOTALS		.3	11.6		.4	.0	11.8	4.6	.5			5.0	5601

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

WEATHER CONDITIONS

2142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		3.8		2.1		5.9	2.9	.3			2.9	728
	03-05		3.5		1.5		4.8	4.2	.4			4.5	733
	06-08		3.9		3.1		6.7	6.4	.3			6.5	720
	09-11		4.5	.1	3.1		7.6	6.7	1.3			7.6	719
	12-14		4.5		1.8		6.3	3.3	.7			3.7	726
	15-17		4.6		1.1		5.9	2.2	2.1		.1	4.1	727
	18-20		4.1		1.2		5.4	1.4	.4			1.7	723
	21-23	.1	4.7		3.3	.1	7.8	1.2	.7			1.6	729
TOTALS		.0	4.2	.0	2.2	.0	6.3	3.5	.8		.0	4.1	5805

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

USAFETAC FORM 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

CLIMATE CLIMATOLOGY BRANCH
WAFB/TAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

20142

EDMONTON IAP CN

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		.3	1.0	18.8	.3	19.1	5.1				5.1	701
	03-05		.8	.7	18.8		19.6	3.4	.4			3.5	709
	06-08		1.0	.7	16.8		17.9	6.5	.6			6.7	691
	09-11		.7	.1	17.6		18.3	8.7	1.8			9.5	703
	12-14		.3		16.6	.1	16.9	7.0	1.8	.1		7.8	703
	15-17		.4	.1	15.4	.1	15.9	4.1	3.0			5.9	709
	18-20		.9	.3	15.0		16.2	3.4	1.0			4.0	698
	21-23	.1	1.0	.4	16.4		17.7	5.5	.8			5.7	708
TOTALS		.0	.7	.4	16.9	.1	17.7	5.5	1.2	.0		5.1	5622

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.1	.8	26.5	.1	28.1	6.0				6.0	720
	03-05		1.1	1.1	27.6		28.9	7.8		.3		8.3	722
	06-08		.6	.7	27.8		28.5	6.2		1.0		7.2	724
	09-11	.1		1.0	24.6		25.3	7.7	.3	1.0		8.9	723
	12-14		.1	.7	21.8		22.5	6.3	.7	.7		7.5	717
	15-17		.5	.1	20.7	.1	21.2	4.0	1.8	.4		5.6	731
	18-20		1.0	.8	25.7		27.1	3.6	.1			3.6	727
	21-23		.4	.5	25.2		25.9	5.1	1.0			5.6	731
TOTALS		.0	.6	.7	25.0	.0	25.9	5.8	.5	.4		6.6	5795

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2142 EDMONTON IAP CN 73-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.1	.1	28.2	.1	28.4	6.2	.9	.8		7.6	5817
FEB			.3	.2	21.4	.0	21.9	4.5	.7	.9		5.8	5285
MAR			.9	.2	16.4	.0	17.4	4.5	2.5	.3		6.7	5783
APR		.0	3.9	.1	7.9	.0	11.4	2.9	1.5		.1	3.9	5558
MAY		.2	11.4		1.3	.0	12.5	4.2	.9			4.6	5761
JUN		2.0	12.6			.0	12.7	3.5	.3			3.7	5571
JUL		2.1	9.6			.1	9.6	2.5	.2			2.6	5779
AUG		2.1	11.6			.0	11.6	5.2	.9		.0	5.5	5795
SEP		.3	11.6		.4	.0	11.8	4.6	.5			5.0	5601
OCT		.0	4.2	.0	2.2	.0	6.3	3.5	.8		.0	4.1	5805
NOV		.0	.7	.4	16.9	.1	17.7	5.5	1.2	.0		6.1	5622
DEC		.0	.6	.7	25.0	.0	25.9	5.3	.5	.4		6.6	5795
TOTALS		.6	5.6	.1	10.0	.0	15.6	4.4	.9	.2	.0	5.2	68172

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: ^{DATA NOT AVAILABLE} Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

U.S. AIR FORCE
 AFMPC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 COMONTON IAP CN 74-81 JAN 0000-0200
 STATION STATION NAME YEARS MONTH HOURS (L.S.T.)
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	1.0	.7	.4							3.3	9.3
NNE	.4	.3	.6	.1								1.4	6.7
NE	.3	.1	.6	.3	.3							1.5	10.0
ENE	.1	.1		.1								.4	6.3
E	.1	.4	.6	.6								1.7	8.7
ESE	.6	1.1	.6	1.4								3.6	8.6
SE	.8	1.5	1.7	3.0	.4							7.5	9.4
SSE	1.0	1.1	1.9	2.6	.6							7.2	9.7
S	3.3	7.1	4.6	1.5	.1							16.6	6.2
SSW	3.9	2.9	1.0									7.7	3.0
SW	1.9	2.2	.1									4.3	4.0
WSW	1.7	1.4	.7	.6	.1							4.4	5.8
W	1.5	3.0	5.3	1.7	.1							11.6	7.7
WNW	1.8	1.2	3.5	2.8	.6							9.9	8.6
NW	.7	1.7	1.1	1.5	.6	.4						5.9	10.5
NNW	.6	.8	1.2	1.2	.4	.1	.1					4.6	10.1
VARBL													
CALM												8.4	
	19.4	25.6	24.2	18.1	3.6	.6	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 723

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142 EDMONTON IAP CN 74-81 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.4	.5		.3						3.0	9.7
NNE	.3	.3	.9	.3	.1							1.9	8.9
NE	.3	.5	.4	.4								1.6	7.8
ENE		.1	.5									.7	6.6
E	.5	.1	.1	.7								1.5	8.4
ESE	.1	.7	.4	1.6								2.8	10.0
SE	.9	1.4	1.8	3.3	.1							7.5	9.2
SSE	1.4	2.8	1.9	2.8	.4		.1					9.5	8.5
S	3.9	6.1	3.7	.8	.1							14.5	5.7
SSW	3.1	2.8	.5									6.5	4.0
SW	2.0	1.9	.4									4.3	3.7
WSW	1.8	2.0	2.2	.3								6.2	5.6
W	2.3	2.7	4.6	1.9	.1							11.7	7.3
WNW	.9	1.9	1.9	2.6	1.4							3.7	10.0
NW	.8	1.1	2.3	1.8	.4							6.4	9.3
NNW	.5	1.4	1.2	.7	.5	.1						4.5	8.6
VARBL													
CALM												8.7	
	19.3	26.3	24.3	17.6	3.3	.4	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 737

U.S. AIR FORCE
METEOROLOGICAL SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 EDMONTON IAP CN STATION NAME 74-81 YEARS JAN MONTH 0600-2600 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.6	1.5								4.3	9.0
NNE	1.1	.4	.8	.1								2.5	5.2
NE	.4	.4	.4	.3								1.5	6.5
ENE	.1	.4	.4	.3								1.7	6.5
E	.3	.1	.3	1.0								1.7	9.5
ESE	.6	1.4	1.0	.6	.3							3.8	7.7
SE	.6	1.5	1.4	3.1	.3							7.2	9.3
SSE	.7	1.5	3.9	2.7	.7							9.5	9.3
S	3.8	6.2	4.8	.1								14.9	5.5
SSW	2.7	2.7	.7									6.0	4.2
SW	1.2	1.7	.3									3.8	3.0
WSW	.3	2.2	1.5	.1								4.2	6.5
W	1.7	2.5	3.8	2.9								10.9	8.1
WNW	.8	1.4	2.2	4.2	.8		.1					8.7	10.6
NW	.7	.8	1.5	2.4		.1	.1					5.1	9.0
NNW	.6	.3	1.7	1.5	.1							4.8	5.0
VARBL													
CALM												7.7	
	16.3	25.2	26.6	20.9	2.2	.1	.3					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 71

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 STATION 1420000 IAP CN STATION NAME 74-81 YEARS JAN MONTH 1968-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.4	1.4				.1				4.0	9.2
NNE	.6	.8	1.0	.3								2.0	6.8
NE		.4	.5	.4	.1							1.5	9.0
ENE	.4	.1	.3	.3								1.1	6.9
E		.3	.6	.4								1.2	9.6
ESE	.4	1.1	.1	.4	.1							2.2	6.2
SE	.4	1.5	2.1	3.5	.3							8.2	9.7
SSE	1.4	1.7	3.5	2.9	.3							9.7	8.9
S	3.3	6.6	5.5	.1	.3							15.9	5.9
SSW	2.5	3.5	.4									6.4	3.7
SW	2.2	1.2		.1								3.6	3.6
WSW	1.7	1.4	1.0	.7								4.7	5.7
W	1.5	3.0	5.3	2.5	.1	.1						12.6	8.0
WNW	1.4	1.4	2.6	2.2	1.1	.1						8.9	9.8
NW	.7	2.1	1.0	2.1	.6	.1						6.5	9.1
NNW	.3	.6	1.5	.7	.1							3.2	8.9
VARBL													
CALM												7.1	
	17.6	27.6	26.7	18.0	3.0	.4		.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

772

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 74-81 MONTH JAN
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.6	1.1	.1	.1	.1					6.3	6.8
NNE	.4	.6	1.0	.3								2.2	6.7
NE	.1	.6	.1	.6								1.4	7.7
ENE	.1	.1	.4	.3								1.0	8.0
E	.3	.1	1.1	.6								2.1	7.9
ESE	.9	1.2	.8	.7								3.6	6.7
SE	.4	1.7	2.6	3.4	1.0							9.1	10.4
SSE	.8	1.7	3.0	2.5	.4	.1						7.8	9.6
S	2.1	5.2	4.8	.8	.1							13.1	8.5
SSW	2.3	2.1	.1									4.5	3.4
SW	1.7	1.2										2.9	3.3
WSW	1.8	1.7	1.8	.4								5.5	5.6
W	2.1	3.6	3.6	.8	.1							12.2	6.5
WNW	1.4	2.5	3.4	2.9	.6	.3	.1					11.1	9.3
NW	.4	1.4	1.1	1.4	.8							5.1	9.9
NNW	.4	1.5	1.4	1.5	.6							5.4	9.7
VARBL													
CALM												8.7	
	15.7	26.0	27.9	17.2	3.7	.6	.3					106.2	7.1

TOTAL NUMBER OF OBSERVATIONS 727

NATIONAL CLIMATOLOGY BRANCH
 WIND IAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 142 ED MONTON IAP CN STATION NAME: 74-81 YEARS: JAN MONTH: 1500-1700 HOURS (L.S.T.)

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	2.2	1.2	.3							5.7	6.6
NNE	.7	.7		.1								1.5	4.5
NE	1.0	.4	.7									2.1	4.5
ENE		.3		.1								.4	7.7
E	.3	.1	1.2	.5								2.2	6.6
ESE	.8	1.5	1.6	1.0								4.9	7.6
SE	.7	2.5	4.0	2.9	.3	.1						10.4	9.2
SSE	.7	1.0	4.4	1.5	1.1							9.6	9.2
S	1.0	4.7	3.3	1.4	.1							11.8	6.2
SSW	2.5	2.1	.4									4.9	3.7
SW	2.2	1.5	.5									4.2	3.7
WSW	1.5	1.4	1.4	.1								4.5	5.7
W	1.1	2.7	2.6	.7		.1						7.3	6.7
WNW	1.0	1.0	3.6	2.2	.4							9.0	6.3
NW	.4	1.2	1.4	1.8	.5	.4						5.7	11.0
NNW	1.4	1.6	1.8	.7	.4	.3						6.2	7.9
VARBL													
CALM												9.6	
	17.5	25.6	29.0	14.2	3.1	1.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 771

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2042 EDMONTON IAP ON STATION NAME 74-81 YEARS JAN
 CLASS ALL WEATHER MONTH 1600-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.4	.8								4.3	7.1
NNE	.6	.3	.3	.3								1.7	5.3
NE	.6	.7	.1	.1								1.5	5.1
ENE	.3	.4		.1								.3	5.3
E	.7	.4	.4	.3								1.8	5.9
ESE	.7	1.1	1.7	1.9								5.4	8.7
SE	.8	2.2	2.8	3.2	.9							9.8	9.5
SSE	1.9	2.1	3.3	3.2	.1							10.6	7.9
S	3.0	7.7	4.6	1.9	.1							17.4	6.3
SSW	2.8	3.0	1.1	.1								7.0	4.5
SW	1.7	1.7	.4									3.7	4.0
WSW	1.2	1.0	.1	.3								2.6	4.5
W	2.2	2.3	1.8	.8								7.2	5.5
WNW	1.2	1.5	2.8	3.3	.3							9.1	9.7
NW		1.2	1.2	1.9	1.1							6.2	10.0
NNW	.4	1.2	2.1	.8	.1	.1						4.8	8.0
VARBL													
CALM												6.1	
	13.9	28.4	24.7	19.2	2.6	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0142 EDMONTON IAP CN 74-81 JA
STATION NAME YEARS
ALL WEATHER
CLAU
1100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	1.4	1.0	.3	.3						4.1	10.2
NNE	.3	.1	.6	.1								1.1	7.1
NE	.3	.6	.4									1.2	5.8
ENE	.3	.1	.1									.6	4.1
E	.7	.7		.4								1.8	6.2
ESE	.7	1.7	1.0	1.2	.3							4.8	8.3
SE	.9	1.9	3.0	2.6	.3							8.7	8.8
SSE	.6	1.2	3.3	1.6	.3							7.4	8.7
S	3.3	7.7	7.2	1.8	.3							20.3	6.6
SSW	2.9	4.0	1.9	.1								9.0	4.8
SW	2.9	1.0	.4									4.3	3.2
WSW	1.2	1.3	.1	.4								3.6	5.2
W	1.9	3.0	3.7	1.9	.1							10.9	7.3
WNW	.8	1.2	1.5	1.8	.6		.1					6.1	9.5
NW	.8	1.5	1.5	2.1	.4							6.3	9.1
NNW	.1	1.4	1.5	.7	.3	.3						4.3	9.5
VARBL													
CALM												5.7	
	13.3	28.8	27.7	16.0	2.8	.6	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 725

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME LEMONTON IAP ON YEARS 74-81 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	1.6	1.0	.1	.1	.0	.0				4.5	9.0
NNE	.6	.4	.5	.2	.0							1.7	6.4
NE	.4	.5	.4	.3	.1							1.6	7.0
ENE	.2	.3	.2	.2								.3	6.5
E	.4	.3	.5	.6								1.7	8.0
ESE	.6	1.2	.9	1.1	.1							3.9	5.1
SE	.4	1.8	2.4	3.1	.4	.0						5.5	9.5
SSE	1.1	1.7	3.2	2.5	.5	.0	.0					8.9	9.0
S	2.2	6.3	4.8	1.1	.2							15.5	6.1
SSW	2.6	2.9	.8	.0								6.5	4.1
SW	2.1	1.6	.3	.0								3.9	3.7
WSW	1.4	1.6	1.1	.4	.0							4.5	5.6
W	1.5	2.9	3.8	1.7	.1	.0						10.3	7.3
WNW	1.2	1.6	2.7	2.7	.7	.1	.1					7.0	9.5
NW	.6	1.4	1.5	1.9	.6	.1	.0					6.0	9.9
NNW	.5	1.2	1.6	1.0	.3	.1	.0					4.7	9.5
VARBL													
CALM												7.7	
	17.9	26.6	26.4	17.6	3.1	.5	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 5803

LOCAL CLIMATOLOGY BRANCH
 SAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 EDMONTON IAP CN 74-81
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 MONTHS
 0000-2359
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	1.8	.8	.3							4.7	7.9
NNE	.3	.3	.5	.2								1.2	6.5
NE		.5	.3	.8								1.5	9.4
ENE	.2	.8	.2									1.1	4.9
E	.3	.5	2.0	.9								3.6	8.7
ESE	.9	1.4	2.7	2.3	.3	.2						7.7	9.3
SE	1.2	2.3	3.5	3.2	.9							11.0	9.5
SSE	1.7	1.4	2.9	2.0								7.9	7.4
S	3.2	7.1	6.2	.2								16.6	5.8
SSW	3.3	4.5	.9	.2								8.9	4.4
SW	1.7	1.4	.3									3.3	3.9
WSW	.5	2.7	1.7									5.2	5.9
W	1.8	3.0	2.9	1.4								9.1	6.9
WNW	.9	.9	1.1	.8	.3							3.9	8.2
NW	.5	.9	1.8	.9	.2	.3						4.5	9.8
NNW	.5	.9	1.8	.9	.2	.2						4.4	8.9
VARBL													
CALM												5.4	
	17.9	29.3	30.4	14.2	2.1	.6						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 661

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2142 SIMONTON IAP CN STATION NAME 74-81 YEARS FEB ROUTE
 ALL WEATHER CLASS 0300-1500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	1.2	.6	.2							3.9	7.6
NNE	.2	.6	.8	.3								1.8	7.9
NE	1.1		.5									1.5	4.3
ENE	.5			.2								.6	4.5
E	.6	1.5	2.4	.2								4.7	6.3
ESE	.6	1.7	3.7	2.0	.3							7.7	8.5
SE	.9	1.7	3.3	2.9	.6	.2						9.5	9.3
SSE	1.4	2.1	2.3	.9								6.6	6.5
S	5.6	6.5	3.6	.6								16.4	5.1
SSW	4.1	4.5	.5									9.0	3.9
SW	2.3	2.0	.2									4.4	3.4
WSW	.3	2.0	.3	.2								2.7	5.3
W	1.8	3.0	4.5	.9								10.2	6.9
WNW	1.1	.6	1.8	1.2	.2	.2						5.1	6.6
NW	.6	.8	1.1	1.2	.3							3.9	9.1
NNW	.2	1.7	1.4	.6								4.5	6.6
VARBL													
CALM												7.5	
	22.9	29.3	26.8	11.7	1.5	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 665

LOCAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 EDMONTON IAP CN STATION NAME 74-81 YEARS FEB NORTH
ALL WEATHER CLASS 0600-1800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	1.1	.5								2.1	8.1
NNE		.3	.8	.2								1.2	7.6
NE	.2	.2	.5	.5								1.2	7.5
ENE	.3	.3	.3	.3								1.2	6.9
E	.6	1.5	1.7	.6								4.4	7.2
ESE	1.4	2.0	2.0	2.0	.6							3.0	8.4
SE	.6	2.1	3.7	2.8	.6							5.8	9.2
SSE	2.1	2.3	2.8	.9								5.1	6.4
S	3.5	3.0	5.2	.9								17.6	5.8
SSW	3.5	5.4	.8									9.7	4.0
SW	3.4	1.7	.2									5.2	3.4
WSW	1.7	1.1	1.2	.2								4.1	5.3
W	1.1	1.8	3.2	.8								6.9	7.2
WNW	.5	1.5	2.6	.8								5.4	7.3
NW	.5	1.7	2.3	2.3	.2							6.9	8.8
NNW	.9	.6	1.2	.5								3.2	6.5
VARBL													
CALM												4.8	
	20.6	30.8	29.4	13.0	1.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 652

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142 STATION EDMONTON IAP CN STATION NAME 74-81 YEARS FEB MONTH 1980-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	.3	.6	.5								1.8	7.3
NNE	.3	.6	.6									1.5	5.5
NE	.5	.3	1.2	.3								2.3	7.7
NNE		.5	.5	.5								1.4	9.1
E	.5	.5	1.1	.2								2.1	6.8
ESE	1.4	.6	2.0	2.7	1.2	.2						5.1	10.3
SE	.9	1.5	2.6	3.1	.8							5.9	10.0
SSE	1.5	1.5	2.3	2.1	.3							7.8	8.2
S	4.3	6.1	5.0	1.2								16.6	5.9
SSW	4.1	3.7	1.7									9.5	4.4
SW	2.9	1.7	.2	.3								5.0	3.9
WSW	1.7	2.1	.9	.3								4.9	5.3
W	1.1	2.6	4.3	.8								6.7	7.2
WNW	.3	1.5	4.6	1.2	.5							8.1	9.2
NW	.2	.9	.5	.6	.3	.3						2.7	10.4
NNW	.5	.8	1.2	1.2								3.7	8.5
VARBL													
CALM												6.9	
	20.5	25.2	29.0	15.0	3.1	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 655

GLOBAL CLIMATOLOGY BRANCH
USFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 STATION LEWISTON IAP CN 74-81 YEARS MONTHS 1200-1400
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.7	1.8	.3	.2						6.1	9.2
NNE	1.7	.8	.3									2.7	3.6
NE	.5	1.1	.6	.3								2.6	6.2
ENE	.6	.5	.6									1.7	5.7
E	.6	.6	.8	.2								2.1	5.9
ESE	.6	.9	2.1	1.5	1.5							5.7	11.2
SE	.9	2.1	2.3	5.0	1.4	.2						11.3	18.3
SSE	.9	1.8	2.1	2.6								7.4	8.2
S	2.9	4.4	4.7	.5								12.4	5.2
SSW	2.6	.9	.9	.2								4.6	4.9
SW	2.0	1.7	.3	.2								4.1	4.1
WSW	2.4	2.6	.9	.2								6.1	4.5
W	1.4	3.8	3.9	.6								9.7	6.6
WNW	.3	1.5	5.0	1.4	.2	.2						8.5	8.4
NW	.3	.2	1.1	1.8	.9	.5						4.7	13.2
NNW		.2	1.2	.3								1.7	8.5
VARBL													
CALM												7.1	
	18.5	24.1	28.7	16.4	4.2	.9						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 654

U.S. AIR FORCE
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-2 EDMONTON IAP CN STATION NAME 74-81 YEARS FEB MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	2.2	.6	.6	.1						7.2	6.1
NNE	.1	1.5	1.5	.4								3.6	7.5
NE	.7	.7	.4	.4	.3							2.7	7.5
ENE		.1	.9	.1								1.2	8.8
E	.6	.9	1.5	.6	.1							3.7	7.8
ESE	.3	2.1	2.2	3.6	1.6	.3						13.1	11.7
SE	1.0	3.0	3.3	4.3	.7							12.4	9.6
SSE	1.3	2.7	1.9	.9								6.9	6.6
S	3.0	3.9	4.2	.7								11.6	6.0
SSW	2.4	.0	.6									3.9	3.7
SW	2.3	1.3	.3	.1								4.6	3.5
WSW	1.5	2.4	.6									4.5	4.8
W	2.4	2.4	1.2	.3								6.3	5.2
WNW	1.0	2.7	1.3	.4	.3	.1						5.0	7.2
NW	.1	.9	1.3	1.9	.4	.1						4.9	11.2
NNW	.3	.7	1.6	.7	.3	.1						3.9	9.5
VARBL													
CALM												6.4	
	18.8	28.8	25.2	15.4	4.5	.9						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 672

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
MET. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION EDMONTON IAP CN STATION NAME 74-81 YEARS FEB MONTH 1200-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	1.1	.6	.3	.2						6.5	6.8
NNE	.8	.6	.8	.6	.3							3.1	7.7
NE	.5	.8	1.1									2.3	8.3
ENE	.6	.9	.9	.2								2.6	6.3
E	.9	.9	1.1	.9								3.9	7.8
ESE	1.2	1.5	3.2	3.1	.8	.5						10.3	10.0
SE	.9	2.6	2.6	3.7	2.0	.3						12.2	10.3
SSE	1.8	2.3	2.6	1.2								8.0	6.7
S	2.8	6.2	6.8	.5								16.2	6.1
SSW	1.4	3.9	.3									5.5	4.4
SW	1.1	2.0	.5	.8								4.3	5.9
WSW	1.1	1.4	1.7	.6								4.8	6.8
W	.3	2.0	.9	.5								4.2	6.3
WNW	.8	1.1	.5	.6	.2							3.1	7.2
NW	.9	.9	1.4	.6								3.9	6.6
NNW	.6	.9	1.5	.5	.8							4.3	8.9
VARBL													
CALM												4.9	
	17.6	31.0	27.0	14.3	4.3	.9						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 649

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 74-81 MONTH FEB
 CLASS ALL WEATHER
 CONDITION 1130-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9	.5	1.6	.5							4.1	10.2
NNE	.5	.6	.3	.5	.3							2.1	8.9
NE	.5	.3	.6									1.4	5.0
ENE	.2	.5	.6	.3								1.5	7.1
E	.5	1.1	2.1	.5								4.1	7.6
ESE	1.1	2.4	1.2	3.0	.9							6.6	9.4
SE	.9	1.7	3.3	3.5	1.4	.2						15.9	18.2
SSE	2.3	1.2	1.4	1.8	.2							6.5	7.6
S	3.3	9.7	7.4	.5								23.8	5.2
SSW	3.3	2.3	.6									6.2	4.2
SW	1.1	1.2	.9	.2								3.3	5.2
WSW	.8	1.4	2.1	.5								4.7	8.7
W	.9	2.6	2.7	.9								6.4	6.9
WNW	.6	2.7	1.4	.8	.2							4.5	7.2
NW	.8	1.5	1.5		.6							4.4	7.3
NNW	.6	1.4	.9	1.1	.2							4.1	8.2
VARBL													
CALM												5.7	
	17.2	30.3	27.5	15.1	4.1	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 663

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142	EDMONTON IAP CN	74-81	FEB
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.3	.9	.3	.1						4.6	8.7
NNE	.5	.7	.7	.3	.1							2.2	6.3
NE	.5	.5	.7	.3	.0							1.9	7.0
ENE	.3	.4	.5	.2								1.4	6.6
E	.6	.2	1.6	.5	.0							3.6	7.4
ESE	.9	1.6	2.3	2.5	.9	.1						5.4	9.9
SE	.9	2.1	3.1	3.5	1.0	.1						10.8	9.9
SSE	1.6	1.2	2.3	1.6	.1							7.4	7.2
S	3.6	6.5	5.4	.6								16.1	5.8
SSW	3.1	3.2	.8	.0								7.1	4.2
SW	2.1	1.6	.3	.2								4.3	4.1
WSW	1.3	2.0	1.2	.2								4.6	5.6
W	1.4	2.7	3.0	.8								7.8	6.7
WNW	.7	1.5	2.3	.9	.2	.1						5.6	8.1
NW	.5	1.7	1.4	1.2	.4	.2						4.5	9.6
NNW	.5	.2	1.4	.7	.2	.0						3.7	6.0
VARBL													
CALM												5.1	
	19.2	28.6	28.0	14.4	3.1	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

5274

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC/AFAC
 AIRCRAFT SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME LIMONTON IAP ON YEARS 74-81 MONTHS 46
 ALL WEATHER CLIM
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.4	.4	.4							4.5	8.1
NNE	.3	.6	.7									1.5	5.6
NE	.4	.7	.1	.1								1.4	5.2
ENE	.7	.6	.4									1.7	4.3
E	.8	.8	1.0									2.6	5.7
ESE	.6	.8	1.7	1.4								4.4	8.5
SE	1.2	2.5	3.3	2.6	.4							15.1	8.4
SSE	1.2	2.5	3.7	1.5								7.0	7.4
S	3.5	8.3	5.8	2.2								19.9	6.3
SSW	2.8	2.9	.8	.3								8.7	4.4
SW	2.9	1.0	.3	.1								4.2	3.5
WSW	1.9	1.2	.6	.8								4.0	5.6
W	2.4	2.6	2.6	1.1		.1						8.9	6.4
WNW	1.0	.3	2.5	1.0								5.3	7.4
NW	1.1	2.1	1.4	1.7	.3							8.5	8.1
NNW	.4	.7	1.2	1.0								3.3	8.1
VARBL													
CALM												7.4	
	21.5	28.9	26.7	14.3	1.1	.1						172.0	6.2

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142
STATION

EDMONTON IAP CN

STATION NAME

74-81

YEARS

MAP

MONTH

ALL WEATHER

CLASS

0300-0900

NOV (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	1.2	1.0								3.4	6.2
NNE	1.0	1.0	.3			.1						2.3	5.2
NE	.4	1.5										1.9	4.4
ENE	.1	.3	.4									.8	6.5
E	.3	.7	1.1	.1								2.2	6.5
ESE	1.6	1.6	1.1	1.8								6.1	7.2
SE	1.4	2.9	2.2	2.6								7.0	6.2
SSE	1.2	2.3	2.9	1.0	.7							7.6	7.1
S	4.5	7.4	4.2	1.4								17.5	5.6
SSW	3.4	2.5	.7	.1								5.7	4.2
SW	3.1	1.6	.3									5.0	3.4
WSW	2.6	2.2	.5									5.3	3.9
W	3.1	2.7	2.6	1.0								9.4	5.6
WNW	1.0	1.8	2.7	1.5	.1							7.1	7.7
NW	.3	1.1	1.6	1.2								4.2	6.5
NNW	.1	.5	1.2	1.1	.4							3.7	12.6
VARBL													
CALM												7.6	
	24.8	30.5	23.1	12.7	.9	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

731

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 74-81 MONTH MAY
 CLASS ALL WEATHER NOVS (L.S.T.) 0600-1800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.1	1.0	.3							4.5	7.3
NNE	.4	.4		.1	.3							1.3	7.7
NE	.7	.3	.8									1.8	5.4
ENE	.6	.8	.6	.1								2.1	5.7
E	.8	1.0	.6	.1								2.5	4.9
ESE	.6	.8	1.3	1.5								4.2	3.6
SE	1.1	1.1	2.5	2.0	.3							7.0	8.8
SSE	2.4	2.7	2.7	1.8								9.5	6.8
S	4.3	7.7	4.1	.4	.1							17.1	5.4
SSW	2.9	2.2	.1									5.3	3.5
SW	2.8	1.3										4.1	3.2
WSW	2.1	1.5	.6									4.2	4.0
W	2.4	3.2	3.2	.3								9.1	5.6
WNW	1.2	2.4	3.1	1.3	.3							1.8	7.4
NW	.1	1.3	2.5	2.4	.1							6.4	9.8
NNW	1.0	1.0	2.0	1.0	.1							5.3	7.5
VARBL													
CALM												7.1	
	25.2	29.1	25.0	12.0	1.5							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 715

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142 STATION MEMPHIS IAP ON 74-81 YEARS 1900-1100 MONTH NOV
STATION NAME ALL WEATHER CLASS NOV
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	1.8	.8	.3	.1						1.4	6.8
NNE	.6		.3	.6								1.4	9.0
NE	.3		.1	.3								.7	7.6
ENE	.1	.3	.7	.1	.1							1.4	6.1
E	.4	1.0		.6	.1							2.1	7.7
ESE	.8	1.0	1.0	1.2								4.0	6.3
SE	.8	1.2	2.5	2.8	.4							8.3	9.0
SSE	1.4	3.5	2.1	1.9	.3							9.1	7.6
S	3.0	7.5	4.3	1.0	.3	.1						15.2	6.2
SSW	2.5	.8	.1	.1								3.9	3.6
SW	2.1	1.1										3.2	3.3
WSW	1.0	.3	.6									2.4	4.4
W	1.0	6.4	4.1	.8								13.3	6.1
WNW	.8	1.0	3.0	2.4	.1	.3	.1					6.7	9.3
NW	.4	1.7	1.2	3.2								6.5	9.7
NNW	.4	.3	2.6	2.6	.1							6.6	10.0
VARBL													
CALM												7.9	
	17.8	28.9	24.5	12.4	1.9	.6	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 727

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WRIGHT PATTENSON AFB
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION EDMONTON IAP CN YEAR 74-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.7	1.7	.3							6.1	8.3
NNE	.2	.6	1.0	.4								2.8	6.9
NE		.7	.6									1.3	6.9
ENE	.6	.3	.1		.1							1.1	5.4
E	1.1	1.0	.6	.4	.3							3.4	7.0
ESE	.3	1.0	1.1	1.5								3.9	9.1
SE	1.3	2.7	3.5	3.1	.1	.3						10.9	8.7
SSE	.7	2.9	4.6	2.1	.6	.1						11.0	8.7
S	3.4	4.1	2.9	1.4	.3	.1						12.2	6.6
SSW	1.5	.8		.1								2.5	3.8
SW	1.3	1.1	.4									2.8	4.3
WSW	1.5	1.5	1.0									4.1	4.6
W	1.0	2.8	3.2	1.1								8.1	6.7
WNW	1.0	1.3	3.9	2.4	.6							9.1	9.3
NW	.7	.4	2.0	3.9	.8	.4						6.2	12.3
NNW	.4	.7	1.4	2.2	.3	.1						5.2	10.5
VARBL													
CALM												7.4	
	16.6	22.9	28.2	27.4	3.4	1.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 715

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142 EDMONTON IAP CN 74-81
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	2.3	1.9	.4							7.3	8.6
NNE	.8	1.4	.7	.8								3.7	7.1
NE	.7	1.0	.4	.4								2.5	5.9
ENE	.1	1.0	.6	.4								2.1	7.6
E	.6	1.0	.4	.6								2.5	7.1
ESE	1.7	1.2	2.3	3.2	.4							8.8	8.7
SE	1.0	2.2	4.3	3.9	.3							11.6	8.9
SSE	1.8	3.6	5.9	1.8	.4							13.5	7.6
S	2.8	2.6	3.0	.8								9.2	6.7
SSW	2.5	.7	.7									3.9	3.8
SW	.8	.7		.1								1.7	4.3
WSW	.7	1.4										2.1	4.0
W	1.8	2.2	1.4									5.4	4.6
WNW	.6	1.9	1.5	1.9	.4	.1						5.5	9.6
NW	.4	1.2	1.5	3.3	.6	.4						7.4	11.3
NNW	.1	1.1	1.1	2.1	.8	.6						5.8	12.4
VARBL													
CALM												6.3	
	17.1	24.9	26.1	21.2	3.3	1.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 727

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMAG
 WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME WILMINGTON IAP ON YEARS 74-81 MONTH MAY
 CLASS ALL WEATHER HOURS 1810-2200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	1.6	1.0	.4							5.5	8.2
NNE	.6	1.3	.3	.4								2.5	5.9
NE	.8	1.1	1.3	.3								3.5	6.0
ENE	.6	1.5	.7									2.8	5.4
E	.4	2.0	1.1	.4								3.9	6.4
ESE	1.1	2.2	3.1	2.4	.1							9.0	8.2
SE	1.1	2.4	5.6	4.1	.3							13.5	9.3
SSE	.7	4.5	5.8	2.0		.1						13.0	7.6
S	1.1	5.5	4.9	1.1								13.6	6.4
SSW	1.2	.7	.1									2.7	3.7
SW	1.3	1.0		.1								2.4	4.3
WSW	.8	1.0	.1									2.0	4.1
W	1.3	1.5	.7	.3								3.8	5.1
WNW	.8	.7	.3	.8								2.7	7.0
NW	1.1	.6	.6	1.0	.7	.1						4.1	10.2
NNW	.8	1.8	1.7	2.1	.3	.6						7.3	10.2
VARBL													
CALM												7.9	
	16.0	29.5	23.1	16.0	1.8	.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 713

U.S. AIR FORCE
 CLIMATE BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0142 STATION NAME EDMONTON IAP CN YEARS 74-81
 CLASS ALL WEATHER
 CONDITION
 MAP NORTH
 7100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	1.0	.7	.1							3.6	7.3
NNE	.5	.6	.3	.3								1.7	5.9
NE	.7	1.4	.1									2.2	4.4
ENE	.6	1.1	.3									1.9	4.4
E	.6	1.1	1.0	.8								3.5	7.4
ESE	.3	1.0	1.9	1.4	.1							4.7	6.9
SE	1.0	3.1	3.5	3.9	.8							12.2	9.4
SSE	1.4	3.7	5.7	1.9								12.8	7.6
S	2.5	8.3	5.7	2.6	.1							19.3	6.6
SSW	2.4	2.5	1.2	.1								6.2	4.7
SW	1.7	.8	.6									3.1	4.4
WSW	1.1	1.1	.7	.3								3.2	5.6
W	2.5	2.2	1.0	.3	.1							6.1	5.2
WNW	1.1	1.9	.7	.8								4.6	6.3
NW	1.0	1.1	1.2	.4	.3							4.0	7.2
NNW	.8	.7	1.5	1.0	.1	.1						4.3	8.5
VARBL													
CALM												5.5	
	19.3	31.2	26.4	14.6	1.8	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 74-81 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.5	1.1	.3	.0						4.7	8.3
NNE	.6	.7	.4	.3	.0	.0						2.2	6.5
NE	.5	.9	.4	.1								1.9	5.5
ENE	.4	.7	.5	.1	.0							1.7	5.9
E	.6	1.1	.7	.4	.1							2.8	6.6
ESE	.0	1.2	1.7	1.8	.1							5.7	8.4
SE	1.1	2.3	3.4	3.1	.3	.0						13.3	8.9
SSE	1.4	3.2	4.2	1.8	.2	.0						10.7	7.6
S	3.3	5.4	4.4	1.4	.1	.0						15.6	6.1
SSW	2.5	1.6	.5	.1								4.7	4.0
SW	2.0	1.1	.2	.1								3.3	3.7
WSW	1.5	1.4	.5	.1								3.5	4.5
W	2.0	3.0	2.4	.6	.0	.0						8.0	5.0
WNW	1.3	1.6	2.2	1.5	.2	.1	.0					6.6	8.3
NW	.6	1.2	1.5	2.1	.3	.1						5.9	9.9
NNW	.5	1.0	1.6	1.6	.3	.2						5.1	9.8
VARBL													
CALM												7.3	
	19.9	28.3	26.0	16.2	1.9	.5	.0					100.2	6.7

TOTAL NUMBER OF OBSERVATIONS 5767

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 37142 STATION NAME EDMONTON IAP CN YEARS 74-81 MONTH APR 0700-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	.1	.3	.1							2.7	6.2
NNE	.4	1.0	.4	.3	.1							2.3	6.4
NE	1.0	.9	.3	.4								2.6	5.3
ENE		1.2	.4									1.6	5.7
E	.9	.4	1.3									2.6	5.7
ESE	1.3	1.4	2.5	1.4	.3							6.9	8.7
SE	1.3	2.6	4.1	2.5	.3							10.7	8.2
SSE	1.7	3.6	4.2	3.5								13.0	7.7
S	3.9	7.8	5.9	1.3	.1							19.0	6.2
SSW	3.5	2.2	.3									5.9	3.6
SW	1.0	.9										1.9	3.6
WSW	1.7	2.0	.7	.1								4.5	4.5
W	1.7	2.5	1.7	.9	.1							6.9	6.4
WNW	.6	2.0	2.2	1.2	.6							6.5	8.6
NW	.6	1.2	.7	.9	.3	.3						3.9	4.4
NNW	1.2	2.3	.6	.3	.1							4.5	6.0
VARBL													
CALM												4.2	
	21.3	33.6	25.5	13.0	2.2	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 691

U.S. AIR FORCE CLIMATE CENTER
 AFMTC
 WEATHER SERVICE/MAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0142 STATION NAME EDMONTON IAP CN YEARS 74-81 APN 1300-0500
STATION NORTH
 CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.7	.6								3.0	6.3
NNE	.2	.7										1.0	4.1
NE		.6	.6									1.2	6.4
ENE	.1	.6	.9									1.0	5.3
E	.7	.7	1.3	.3								3.0	6.4
ESE	2.2	2.5	1.9	1.2	.1							7.9	6.7
SE	1.6	2.4	2.0	1.0	.1	.1						7.3	7.4
SSE	2.3	3.3	3.6	2.3								11.5	7.1
S	5.5	7.6	5.9	1.3								20.5	5.7
SSW	2.3	3.2	.1									5.6	3.8
SW	1.2	.9	.1									2.9	3.3
WSW	1.3	2.0	.6									3.9	4.4
W	1.9	1.6	2.0	.4								5.9	5.9
WNW	.9	2.3	1.9	1.9	.3	.3						7.5	6.8
NW	.7	1.9	1.3	.9	.7	.1						5.6	9.2
NNW	1.9	1.2	.6	.4								4.3	5.4
VARBL													
CALM												6.8	
	24.2	32.7	23.5	10.2	1.3	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 694

U.S. NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 BIRMINGHAM IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1600-0000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	1.2	.7								4.2	7.4
NNE	.7	.4	.4	.4								2.0	6.5
NE	.6	.4	.6									1.6	5.5
ENE	.7	.7	.4									1.9	4.7
E	.7	.7	.6	.4								2.5	6.4
ESE	.7	.9	1.6	1.2								4.4	8.2
SE	1.2	1.3	2.2	1.8	.3	.1						7.3	8.1
SSE	1.6	2.6	2.6	1.2	.1							8.2	6.5
S	5.4	7.7	5.7	.6								16.7	5.5
SSW	3.2	2.2	.7									6.1	3.3
SW	3.1	1.0	.1									4.2	3.2
WSW	.7	1.3	.4									2.9	4.5
W	1.0	3.5	2.3	.7								6.5	5.5
WNW	1.2	1.3	3.4	2.3	.9	.3						7.8	4.3
NW	1.6	.7	1.2	1.3	.6	.3						5.7	9.5
NNW	.7	1.0	.7	.6	.1							3.2	7.0
VARBL													
CALM												8.6	
	24.5	28.5	24.2	11.2	2.0	.7						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

600

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
 CLASS

1950-1981
 MONTHS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.2	2.2	2.0	.3							7.4	8.2
NNE	.6	1.3	1.2	.6								3.6	7.2
NE	.6	.7	.3	.1								1.7	5.2
ENE	.6	.7	.3	.1	.1							1.9	6.4
E	1.2	.6	1.3	.6								3.6	6.8
ESE	.7	1.5	.9	.9	.1							4.1	7.9
SE	1.0	1.3	2.6	3.6	.3							4.9	9.7
SSE	1.0	2.5	3.3	1.7	.6	.1						4.3	8.6
S	2.0	3.1	5.4	1.5	.1	.1						12.2	7.2
SSW	1.9	.6	.1	.4								3.1	4.7
SW	2.9	1.2	.1	.1								4.4	3.5
WSW	2.8	1.9	.4		.1							5.2	4.1
W	1.3	2.5	2.6	1.0	.6							5.1	7.7
WNW	1.2	1.7	2.2	2.6	1.0							5.7	9.8
NW	.9	.7	2.6	2.8	.9	.6	.1					5.6	11.5
NNW	.6	1.6	2.0	1.7	1.0							7.0	9.5
VARBL													
CALM												2.2	
	20.2	23.8	27.6	19.9	5.2	.9	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

689

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION EDMONTON IAP CN 74-81 YEARS APP MONTHS 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	2.3	3.2	.3							6.9	9.0
NNE	1.2	1.3	1.0	.4								3.9	6.0
NE	.4	.6	.7									1.7	5.6
ENE	.7	.6	.1	.1								1.6	4.9
E	1.0	.6	1.0	.6								3.2	6.7
ESE	.6	.9	1.2	1.6	.4	.1						4.3	10.5
SE	.9	1.3	3.8	4.9	.9							11.6	10.3
SSE	.9	1.7	3.8	1.9	1.3	.1	.1					9.9	10.4
S	1.6	3.0	4.9	1.9		.1						11.6	7.7
SSW	1.5	1.7	.9	.1								4.2	9.0
SW	1.2	.4	.4	.3								2.3	5.2
WSW	1.3	1.3	.6	.7	.3							4.2	7.0
W	1.2	1.6	.9	.9	.1	.4						5.1	8.6
WNW	.4	1.2	1.7	1.7	1.0	.3						5.4	11.2
NW	.6	.4	1.7	3.2	1.7	.6	.4					6.7	13.9
NNW	.9	1.2	2.8	3.3	.9							9.0	10.1
VARBL													
CALM												3.8	
	14.9	20.2	27.9	25.0	7.0	1.7	.6					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 680

U.S. AIR FORCE
METEOROLOGICAL BRANCH
AFM 7-100
METEOROLOGICAL SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WHEATON IAP ON STATION NAME 74-21 YEARS APR
CLASS ALL WEATHER MONTHS 1950-1970
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	3.4	2.7	.8	.1						10.4	9.1
NNE	1.0	1.3	1.1	.6								3.9	0.7
NE	.8	.1	.6									1.3	5.0
ENE	.6	1.7	.8	.1								2.5	6.1
E	.2	.7	1.7	1.0	.1							4.4	8.2
ESE	1.2	1.3	2.8	2.8	.3	.3						3.7	9.6
SE	.2	1.3	2.5	4.8	1.0							9.7	11.4
SSE	.3	.8	4.7	1.8	1.1	.3						9.2	13.6
S	1.5	1.8	5.1	2.7	.3							11.4	8.4
SSW	1.7	.6	1.3	.4								3.5	6.2
WSW	.7	1.0	.4	.1								2.3	5.1
W	.7	.6	.6	.6	.3							2.7	3.2
WNW	1.0	1.4	1.1	.4	.1							4.1	6.5
NW	1.0	1.3	1.1	1.4	.3	.3						5.4	9.1
NNW	.6	1.1	2.5	2.1	.8	.8	.1					6.2	12.2
VARBL	.9	1.4	2.8	3.8	.4							9.3	9.9
CALM												3.0	
	13.8	17.6	32.6	25.4	5.6	1.8	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 709

LOCAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 EDMONTON IAP CN STATION NAME 74-81 YEARS APC MONTH 1900-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	3.1	2.7	.1	.1						15.7	8.1
NNE	1.3	2.6	.7	.1								4.4	5.1
NE	.7	1.1	.6	.7								3.1	6.3
ENE	.9	.6	.9	.3								2.6	6.1
E	.9	2.0	2.0	1.4	.3							6.6	8.0
ESE	1.4	2.6	4.0	3.0	.3							11.3	8.5
SE	.7	4.7	6.4	4.7	.4							17.0	8.8
SSE	1.0	2.1	4.1	1.3	.7							9.3	8.4
S	1.6	2.1	2.7	.9								7.3	6.3
SSW	.9	1.0	.4									2.3	4.6
SW	.1	.3	.1									.6	5.3
WSW	.3	.6	.1	.1			.1					1.3	8.2
W	1.0	.9	.9	.4								3.1	6.3
WNW	.3	.9	1.1	1.3	.4		.3					4.3	11.0
NW	.7	1.7	1.1	1.1	.4	.1						5.3	8.8
NNW	1.1	1.4	1.4	1.4								5.4	7.3
VARBL													
CALM												5.4	
	13.9	27.9	29.9	19.6	2.7	.3	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 700

1. MIL CLIMATOLOGY BRANCH
 2. METAC
 3. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 CUMONTON IAP CN STATION NAME 74-81 YEARS
 ALL WEATHER CLASS
 CONDITION
 AFF MONTH 2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	1.3	.4	.3							5.2	6.2
NNE	.4	.4	.4	.1								1.4	6.4
NE	.4	1.2	1.0	.3	.1							3.0	7.1
ENE	.3	.9	.1	.7								2.0	7.3
E	.6	1.9	3.0	.4								5.9	6.9
ESE	.3	2.2	3.3	1.7	.6							8.1	9.1
SE	1.6	4.5	5.8	4.3	.7							15.5	8.4
SSE	1.7	3.2	5.5	3.5	.1							14.0	8.2
S	1.7	5.1	4.3	.9								12.0	6.2
SSW	2.0	1.6	.3	.1								4.1	3.9
SW	1.6	1.2	.1									2.9	3.7
WSW	.9	.6	.3	.3								2.0	5.7
W	1.0	1.2	1.6	.4	.1							4.3	7.0
WNW	.7	.9	.1	1.6	.1	.1	.4					4.1	11.4
NW	1.0	.6	.7	1.4	.1	.3						4.2	9.6
NNW	1.7	1.2	.6	.7								4.2	5.5
VARBL													
CALM												4.9	
	17.5	24.1	28.7	17.1	1.9	.4	.4					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 691

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 STATION ED MONTON IAP CN STATION NAME 74-81 YEARS APR NORTH
 ALL WEATHER CLASS ALL NORTH
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.1	1.8	1.6	.3	.0						6.7	5.0
NNE	.8	1.1	.7	.3	.0							2.9	6.1
NE	.5	.7	.6	.2	.0							2.0	6.0
ENE	.5	.8	.5	.2	.0							2.0	5.9
E	.3	1.0	1.5	.6	.1							4.0	7.1
ESE	1.1	1.7	2.3	1.7	.3	.1						7.0	8.4
SE	1.1	2.5	3.7	3.5	.5	.0						11.2	9.0
SSE	1.3	2.5	4.0	2.1	.5	.1	.0					10.5	8.5
S	2.9	4.7	5.0	1.4	.1	.0						14.1	6.5
SSW	2.1	1.5	.5	.1								4.3	4.3
SW	1.5	.8	.2	.1								2.7	3.1
WSW	1.2	1.3	.5	.2	.1		.0					3.4	3.5
W	1.4	1.9	1.6	.6	.1	.1						5.4	6.7
WNW	.8	1.5	1.7	1.7	.6	.2	.1					6.6	9.7
NW	.8	1.0	1.5	1.7	.7	.4	.1					5.3	10.9
NNW	1.1	1.4	1.4	1.6	.3							5.8	8.7
VARBL													
CALM												4.7	
	13.9	26.6	27.5	17.7	3.5	.8	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5547

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 12-12
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2142 EDMONTON IAP CN STATION NAME 74-81 YEARS MAY
 CLASS ALL WEATHER MONTH 0000-0200
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	.8	.3	.2	.3						4.7	7.0
NNE	1.2	1.0	.3	.3								2.8	4.2
NE	.1	.4	.3	.1								1.0	6.4
ENE	.7	.6	.7	.1								2.1	5.4
E	.3	.6	2.5	1.2								4.8	6.7
ESE	.6	2.3	4.0	.4	.3							6.0	7.4
SE	1.2	3.4	3.6	2.9	.4							11.6	7.9
SSE	1.5	1.9	2.1	1.5	.1							7.2	7.4
S	3.2	4.7	3.3	.1								12.0	5.0
SSW	2.1	1.0	.4	.3								3.7	4.2
SW	1.7	1.5										3.2	3.3
WSW	1.5	1.0	.8									3.3	4.6
W	3.6	4.0	3.9	.8								12.3	5.2
WNW	1.0	1.4	2.1	.7								5.1	6.5
NW	.7	1.5	1.4	2.1								5.7	8.5
NNW	1.0	1.5	1.7	.8								5.0	6.8
VARBL													
CALM												7.7	
	22.5	29.0	27.7	11.7	1.1	.3						120.1	6.0

TOTAL NUMBER OF OBSERVATIONS 725

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION 10 MONTON IAP CN 74-81 YEARS MAY MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	.6	.7	.1							4.8	6.7
NNE	.7	1.0	.4									2.1	4.9
NE	.6	1.0										1.5	4.1
ENE	.4	1.0	.7	.4								2.5	6.3
E	1.1	1.5	.8	1.1								4.6	6.9
ESE	1.0	3.0	3.0	1.4								5.4	7.0
SE	1.1	3.2	3.3	1.1	.1							8.8	7.2
SSE	2.2	2.3	2.9	1.1	.3							8.8	6.7
S	2.6	3.3	2.8	.4								9.1	5.6
SSW	2.6	2.5	.4									5.5	3.9
SW	3.3	1.4	.3									5.0	3.3
WSW	2.1	1.3	.6									4.4	4.0
W	1.9	3.4	2.8	.6								8.7	5.9
WNW	1.1	2.3	1.9	.8	.1							6.3	6.9
NW	.7	1.8	1.9	1.5		.1						6.1	8.4
NNW	1.1	1.7	1.2	.7	.3							5.0	7.1
VARBL													
CALM												5.4	
	23.6	33.5	23.6	9.8	1.0	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 725

U.S. AIR FORCE
 WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142 STATION EDMONTON IAP CN 74-81 YEARS MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.4	.7								3.5	7.1
NNE	.4	1.0	.1	.3								1.8	6.2
NE	.3	.9	1.0	.3								2.4	7.2
ENE	.6	.1	.8	.4	.1							2.1	6.7
E	.5	1.7	1.7	1.4	.1							5.1	8.6
ESE	.1	1.3	1.1	1.3	.1							4.0	9.0
SE	1.6	2.3	4.0	2.4	.3							10.5	8.5
SSE	1.3	2.1	3.3	2.8	.1							9.6	8.3
S	1.6	2.1	4.0	.7								8.3	6.7
SSW	1.7	1.1	.7	.1								3.7	4.6
SW	1.4	.7	.1									2.3	3.3
WSW	1.8	2.0	1.0	.3	.1							5.2	5.4
W	2.1	5.5	2.3	1.7	.4							12.0	6.7
WNW	1.1	2.3	3.7	2.1	.3	.1						9.6	8.3
NW	.6	1.0	3.5	1.4	.3	.1						6.9	9.1
NNW	.6	1.1	2.3	1.3	.4							5.7	9.1
VARBL													
CALM												5.9	
	16.8	25.3	31.0	17.3	2.4	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 707

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142
STATION

EDMONTON IAP CN

STATION NAME

74-81

YEARS

MAY

MONTH

ALL WEATHER

CLASS

1980-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	2.1	1.1	.7							6.0	9.0
NNE	.6	.4	.1	.3								1.4	6.5
NE	.6	.6	.8	1.0								2.9	7.6
ENE		1.5	.7	.4	.4							3.1	6.7
E	.7	.8	2.6	2.1	.1							6.4	9.0
ESE	1.0	1.1	2.4	1.3	.4	.1						6.3	8.6
SE	.4	1.3	2.4	2.5	.8							7.4	10.6
SSE	.7	1.4	2.8	4.3	.8							10.0	10.6
S	1.4	1.4	1.7	2.5	.1	.1						7.3	8.9
SSW	1.0	1.0	.7	.6								3.2	6.6
SW	.6	1.7	.4	.3								2.9	5.7
WSW	.7	.8	.4									2.0	5.0
W	1.0	1.7	2.9	1.5	.1	.1						7.4	8.2
WNW	.4	1.5	3.5	3.8	1.8	.3						11.3	11.5
NW	1.0	1.5	4.0	3.8	1.4							11.7	10.3
NNW	.3	1.5	3.2	3.3	.1							6.5	9.8
VARBL													
CALM												2.2	
	10.2	20.4	30.8	28.7	7.0	.7						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

717

U.S. AIR FORCE
 AFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 STATION 16 MONITOR IAP CN STATION NAME 74-81 YEARS MAY MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	3.3	1.1	.7							7.2	6.9
NNE	1.0	.6	.7	.7								3.0	7.2
NE	.4	.6	1.8	.3	.6							3.7	9.5
ENE	.6	.8	1.1	.8	.3							3.7	8.6
E	1.0	1.6	1.4	2.8	.3	.1						7.2	9.7
ESE	.6	.8	1.1	2.0	.7							5.2	10.9
SE	.4	1.8	3.0	3.3	.6	.1						9.2	10.1
SSE	.4	1.0	2.3	2.8	1.0	.3						7.8	11.3
S	1.0	1.4	2.4	3.0	1.1							8.9	10.3
SSW	.4	1.0	1.1	.6								3.1	7.4
SW	.1	.6	.8	.4								2.0	6.1
WSW	.8	.1	1.0	.7	.1	.1						3.0	9.0
W	.6	1.6	2.8	2.0	.4							7.4	9.3
WNW	.7	.7	2.7	3.8	1.4	.6						9.9	12.3
NW	.7	.7	4.1	3.3	1.4	.4						10.6	11.4
NNW	.6	.8	2.1	2.7	.4							6.7	10.6
VARBL													
CALM												1.4	
	9.6	16.0	31.9	30.3	9.1	1.7						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 706

CLIMATOLOGY BRANCH
 TAO
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 EDMONTON IAP CN 74-81 MAY
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	2.6	1.8	.3							7.4	8.5
NNE	1.1	.5	1.1	.7	.4							3.8	8.4
NE	.5	1.0	1.0	.5								3.7	7.5
ENE	.4	1.4	1.0	.5	.1							3.4	7.5
E	.8	1.6	2.6	2.1	1.1	.1						8.3	9.6
ESE	.4	1.8	1.5	1.9	.3							5.9	9.0
SE	1.2	1.9	2.7	2.1	.7	.4						8.0	9.4
SSE	.4	.8	2.5	2.9	1.4							7.9	11.2
S	.8	1.1	1.6	1.6	1.2	.1						6.6	10.4
SSW	1.0	1.8	1.0	.5								4.2	8.3
SW	.6	.4	.8	.7								2.7	7.1
WSW	.3	.3	.7	.8								2.1	9.0
W	.5	1.2	2.9	1.9	.7	.3						7.5	10.2
WNW	.4	.5	2.3	1.6	1.0							5.9	11.1
NW	.8	1.4	3.7	4.2	1.4	.4						11.2	11.4
NNW	.4	.7	3.3	3.1	1.1							8.6	11.2
VARBL													
CALM												2.3	
	10.8	18.3	30.5	27.1	9.6	1.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 731

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 64-100
 AIR FORCE FARMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21142 EDMONTON IAP CN 74-81 MAY
 STATION NAME YEARS MONTH
ALL WEATHER
 CLASS
CONDITION
 1800-1800
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.8	2.2	1.5	.3							5.1	7.6
NNE	.5	1.1	1.7	.4	.1							3.2	7.1
NE	1.7	1.1	1.5	.6								4.2	6.8
ENE	.7	1.3	1.5	.8	.1							4.5	7.5
E	.8	2.4	3.4	2.5	.4							9.5	8.5
ESE	.7	2.5	3.4	1.7	.3							5.6	8.1
SE	1.5	3.6	2.9	2.2	.4							10.6	7.9
SSE	1.3	2.1	1.1	2.4	.1							7.3	8.2
S	1.1	1.4	1.3	.7	.3							4.6	7.6
SSW	.6	.7	.6	.3								2.1	6.7
SW	.4	.8		.3	.1							1.7	6.9
WSW	.1	.7	.4	.6	.3							2.1	8.9
W	.8	1.7	2.1	1.1	.1							5.9	7.7
WNW	.7	.7	2.7	2.2	.6	.6						7.4	10.9
NW	1.1	1.8	2.5	2.1	.6							8.1	9.0
NNW	1.0	1.8	1.8	2.1	.8							7.6	9.1
VARBL													
CALM												4.3	
	13.7	26.6	28.5	21.6	4.6	.6						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 713

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 74-81 DAY 0100-2300
 NORTH
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.8	1.0	1.0		.1						0.4	6.1
NNE	1.1	.7	.3	.1								2.2	4.7
NE	.1	1.0	.6	.1								1.8	5.5
ENE	.7	1.1	.8									2.6	5.7
E	1.0	2.2	6.0	1.1	.6		.1					11.0	8.4
ESE	1.0	2.2	4.7	1.1	.4							7.5	8.0
SE	1.5	4.3	5.1	1.0	.1							12.1	6.0
SSE	1.8	1.9	3.2	2.5	.4							9.9	6.3
S	2.1	2.6	1.1	.4								6.3	5.3
SSW	1.4	.8	.4	.1								2.8	4.3
SW	.8	.3	.1									1.3	3.2
WSW	1.5	1.3	1.1	.3								4.2	5.3
W	1.4	3.6	1.8	.6								7.4	6.7
WNW	.6	.8	1.4	1.0	.6	.3						4.9	9.9
NW	.6	1.5	1.9	1.0	.3							5.3	7.9
NNW	1.4	1.4	1.4	.8	.6							5.6	8.0
VARBL													
CALM												7.1	
	19.7	27.7	31.0	11.1	2.9	.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 717

NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 442 EDMONTON IAP CN 74-81 YEARS MAY
 STATION NAME CLASS MONTH
 ALL WEATHER ALL
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.7	1.0	.3	.1						0.1	7.7
NNE	.8	.8	.5	.3	.1							2.8	6.8
NE	.5	.8	.9	.4	.1							2.8	7.8
ENE	.5	1.1	.9	.5	.1							1.8	7.4
E	.8	1.5	2.6	1.8	.3	.0	.0					7.1	8.3
ESE	.7	2.0	2.7	1.4	.3	.0						7.0	8.3
SE	1.1	2.7	3.4	2.2	.4	.1						7.9	8.3
SSE	1.2	1.7	2.5	2.5	.5	.0						8.5	9.2
S	1.5	2.3	2.3	1.2	.3	.0						7.9	7.8
SSW	1.3	1.2	.7	.3								3.0	5.3
SW	1.1	.9	.3	.2	.0							2.6	5.0
WSW	1.1	1.0	.7	.3	.1	.0						3.3	6.0
W	1.5	2.8	2.7	1.3	.2	.1						6.6	7.3
WNW	.3	1.3	2.5	2.0	.7	.2						7.5	10.7
NW	.8	1.4	2.8	2.4	.7	.1						6.2	9.8
NNW	.8	1.3	2.1	1.9	.5							6.6	9.2
VARBL													
CALM												5.3	
	15.7	24.6	29.4	19.7	4.7	.7	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 574

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION EDMONTON IAP CN STATION NAME 73-80 YEARS JUN
ALL WEATHER MONTHS 0000-0000
 CLASS CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.4	1.3	.6	.3							3.9	7.5
NNE	.7	.9	.1	.1								1.9	4.5
NE	.7	.3	.1	.1								.9	5.8
ENE		.3	.5	.1								1.7	8.0
E	.4	.6	.4	.1								1.6	6.2
ESE	1.0	2.6	2.1	.7	.3							6.7	7.2
SE	1.9	2.6	2.3	2.1	.3							9.1	7.0
SSE	1.9	1.4	1.0	.9								5.1	6.2
S	3.0	5.9	1.1									10.2	4.5
SSW	3.0	3.3	.4									6.7	4.0
SW	3.6	1.1	.1									4.9	5.2
WSW	3.3	1.0	1.0	.4								6.6	4.7
W	2.3	5.1	4.6	2.0	.4	.3						14.6	7.5
WNW	1.9	2.0	1.9	1.1	.3							7.1	7.3
NW	1.7	1.9	.7	.4	.1							4.9	5.5
NNW	.0	1.3	.7	.9	.1							3.9	7.3
VARBL													
CALM												11.5	
	27.0	31.3	18.6	9.7	1.9	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 735

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFMPC
WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 EDMONTON IAP CN STATION NAME 73-80 YEARS JUN MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.4	.7	.3	.1							3.8	6.0
NNE	.1	.7	.4									1.2	5.8
NE	.4	1.0	.1									1.5	4.7
ENE	.9	.3	.1	.1								1.4	4.1
E	.7	.4	.4	.7								2.4	6.5
ESE	.6	1.7	.7	.6								3.6	6.5
SE	.7	1.6	1.6	1.7	.1							5.7	8.4
SSE	1.7	2.7	1.0	.1								4.8	4.9
S	4.3	5.3	.9									10.1	4.3
SSW	4.6	2.7	.1									7.4	3.2
SW	4.2	.9	.1		.1							5.1	3.4
WSW	3.3	2.3	.3	.4	.3							6.6	5.0
W	5.0	7.5	5.3	1.4	.1							19.4	6.0
WNW	2.3	1.2	2.8	.4	.4							7.8	6.7
NW	1.0	2.3	.9	1.3								5.4	6.9
NNW	.9	.5	.9	.4	.1							2.8	7.2
VARBL													
CALM												10.7	
	31.5	32.5	16.4	7.5	1.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 782

U.S. AIR FORCE
 CLIMATE BRANCH
 AFMTC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142 142 MONTELLA IAP CN 73-80 73-80
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0600-0800
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.9	1.3	1.6	.1								3.9	6.5
NNE	.4	.6	.6	.1								1.9	6.1
NE	.1	.6	.4									1.2	5.3
ENE	.4	.4	.1									1.0	4.4
E	.4	.1	.3	.6								1.5	7.4
ESE	.4	1.7	.7	.3								2.5	6.2
SE	.3	1.2	1.3	1.7								4.5	5.8
SSE	.9	1.5	3.1	1.2								6.6	7.7
S	3.6	2.9	1.3	.1								6.0	4.5
SSW	1.5	.9	.3									2.6	3.9
SW	2.0	1.0	.3									3.4	3.6
WSW	2.9	3.1	.3	.6	.1							7.0	5.1
W	4.2	7.3	7.7	2.2	.6	.1						22.2	6.8
WNW	3.2	3.2	3.6	2.2	.4							12.7	6.9
NW	.5	2.6	2.7	1.9	.3							7.4	8.5
NNW	.7	1.0	1.2	1.9				.1				5.0	9.4
VARBL													
CALM												5.7	
	22.7	28.7	24.9	13.0	1.5	.1		.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 686

U.S. AIR FORCE
 METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 EDMONTON IAP CN STATION NAME 73-80 YEARS JUN 1980-1981 MONTHS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.5	1.4	1.0								5.2	6.6
NNE	.4	.9	.9	.1								2.3	6.3
NE	.6	.4	.6	.6								2.2	7.5
ENE	.4		.3									.7	4.6
E	.4	.3	.7	.3								1.7	6.3
ESE	.1	.9	1.7	.9								3.6	8.2
SE	.2	1.4	1.0	1.6	.3	.3						4.9	10.4
SSE	.4	.9	2.0	1.2								4.5	9.6
S	1.7	.7	2.9	.9	.1							5.4	7.1
SSW	.5	.9	.6									2.3	4.9
SW	.3	1.0	.3									1.6	5.1
WSW	1.2	.7	1.0	.9	.1							3.9	7.7
W	3.6	4.5	5.2	2.9	.6	.3						17.1	7.6
WNW	1.7	3.5	6.8	3.3	1.2							16.3	8.8
NW	1.6	3.2	4.3	3.3	1.3	.1						13.9	9.7
NNW	1.0	2.2	2.6	2.3	.1							8.4	8.4
VARBL													
CALM												4.2	
	16.0	23.6	32.4	19.2	3.6	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 692

CLIMATE CLIMATOLOGY BRANCH
 CANADIAN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1942 EDMONTON IAP CN 73-60 JUN 1942
 STATION MONTH
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	2.1	1.5								6.6	7.4
NNE	.3	.6	.9									1.9	6.3
NE	.3	.9	.9	.1								3.2	6.5
ENE	.7	.4	.6	.4								2.2	6.9
E	1.2	.6	1.0	.3								3.1	6.0
ESE	.3	.4	.7	1.0								2.5	3.6
SE	.6	.9	1.8	2.2	.6							6.0	10.1
SSE	.6	.6	1.6	1.5	.3	.3						4.8	10.3
S	2.3	1.6	1.8	1.5	.1							7.3	6.5
SSW	.7	1.2	.3	.1								2.3	4.9
SW	.6	.9	.9	.6								2.9	7.7
WSW	.6	1.3	1.0	.4	.4							3.8	7.9
W	1.6	4.0	3.8	3.4	.9	.3						14.5	8.9
WNW	1.5	3.2	4.0	2.8	1.2	.4						13.1	9.3
NW	1.0	1.2	5.3	4.8	1.8							14.1	10.7
NNW	1.0	2.2	4.4	1.8	.4							9.5	8.6
VARBL													
CALM												3.4	
	14.7	21.7	31.0	22.5	5.7	1.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 681

CLIMATE CLIMATOLOGY BRANCH
 AF, TAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 EDMONTON IAP CN STATION NAME 73-80 YEARS MONTH JULY
 CLASS ALL WEATHER 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	2.9	1.4	.1							8.7	8.4
NNE	.4	1.3	.7	.4								2.9	6.6
NE	.6	.6	.9	.4								2.4	6.6
ENE	.6	.4	1.3	.3	.1							2.7	8.0
E	1.7	.6	1.4	.4	.1							4.3	6.6
ESE	1.0	.7	2.0	1.1								4.9	7.8
SE	.4	1.7	1.6	2.7	.4							5.2	10.3
SSE	1.0	1.3	1.1	1.6	.4	.1						5.6	8.9
S	.9	2.3	1.4	.7								5.3	6.3
SSW	1.6	1.3	.4	.3								3.6	4.7
SW	.9	.7	.7	.3								2.6	6.1
WSW	.4	1.1	1.1	.7	.1							3.6	7.6
W	1.4	2.3	4.2	2.6	.9	.6	.1					12.0	10.1
WNW	1.1	2.6	3.6	2.3	.6	.1						10.3	8.7
NW	.7	1.4	3.7	5.3	1.4	.1						12.8	11.0
NNW	1.4	2.6	3.3	2.4	1.0							10.7	8.9
VARBL													
CALM												3.4	
	15.2	21.5	30.4	23.1	5.3	1.0	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 698

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.2	2.6	1.3	.1							3.7	6.9
NNE	1.2	1.2	1.0	.3	.1	.1						3.9	6.3
NE	.7	.9	.7	.1								2.5	5.6
ENE	.7	1.0	1.3	.1								3.2	5.8
E	.7	1.9	1.5	.4	.4							4.9	7.5
ESE	.4	2.0	3.8	1.6	.1							8.0	8.3
SE	.9	2.0	2.6	1.6	.1							7.3	8.4
SSE	.9	2.2	.9	.7								4.7	6.3
S	1.7	2.3	.9	.3								5.2	5.1
SSW	.7	1.2	.4									2.3	4.6
SW	.4	.7	.3									2.5	5.2
WSW	1.0	.6	.6	.4								2.6	6.1
W	1.7	1.3	2.6	1.9	.1							7.7	8.1
WNW	1.5	2.9	2.8	1.0	.7	.1	.4					9.4	9.5
NW	1.5	2.2	3.2	2.3	.6							9.7	8.4
NNW	1.5	3.6	3.6	1.6	1.3							11.6	8.4
VARBL													
CALM												6.7	
	17.0	29.2	28.8	13.8	3.8	.3	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 688

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 142000 IAP CN 73-80 73-80 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	1.7	1.0								5.9	6.8
NNE	1.7	.7	.6									2.5	4.2
NE	.8	.8	.6									2.3	4.6
NNE	.3	.6	.7	.1								1.7	6.4
E	.4	2.7	3.3	.7	.3							7.4	7.3
ESE	1.6	4.5	3.8	1.0	.3							11.2	7.0
SE	1.0	2.8	1.6	1.3	.3	.1						7.1	7.6
ESE	1.1	1.7	.8	.3								4.0	5.8
S	2.0	3.3	1.7									6.9	4.9
SSW	2.3	2.2	.3									4.5	4.0
SW	2.5	.7	.4	.1								3.3	4.0
WSW	1.7	1.4	.4	.3	.3							4.1	5.8
W	3.0	2.5	2.4	1.3	.4	.1	.1					9.9	7.2
WNW	2.8	2.5	1.3	.7	1.0		.1					8.5	7.2
NW	2.3	1.1	1.1	.7	.8							6.1	7.3
NNW	1.6	1.8	1.0	.6	.3							5.2	6.2
VARBL													
CALM												8.9	
	6.3	30.8	21.6	8.1	3.7	.3	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 707

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 STATION EDMONTON IAP CN YEARS 73-80 MONTH JUN
STATION NAME YEARS MONTH
ALL WEATHER
CLAS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.7	1.8	.9	.1							5.7	7.1
NNE	.6	.8	.6	.1	.0	.0						2.3	5.9
NE	.5	.7	.5	.2								1.9	6.0
ENE	.5	.4	.6	.2	.0							1.7	6.2
E	.8	.9	1.1	.5	.1							3.4	6.9
ESE	.7	1.7	2.0	.9	.1							5.4	7.5
SE	.8	1.7	1.7	1.9	.3	.1						6.4	8.9
SSE	1.1	1.4	1.4	.9	.1	.1						5.0	7.4
S	2.4	3.0	1.5	.4	.0							7.4	5.2
SSW	1.9	1.7	.4	.1								4.0	4.0
SW	1.9	.9	.4	.1	.0							3.2	4.4
WSW	1.8	1.5	.7	.5	.2							4.8	4.0
W	2.9	4.3	4.5	2.2	.5	.2	.0					14.6	5.6
WNW	2.0	2.7	3.3	1.7	.7	.1	.1					10.6	8.1
NW	1.3	2.0	2.6	2.5	.8	.0						9.3	9.1
NNW	1.1	1.9	2.2	1.5	.4			.0				7.1	8.3
VARBL													
CALM												7.2	
	21.4	27.5	25.5	14.6	3.3	.5	.1	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 554

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFMPC
AF WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 EDMONTON IAP CN STATION NAME 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0000-2359 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	.3	.6								2.6	6.4
NNE	1.0	.6	.4	.4								2.3	6.2
NE	.7	.3	.1									1.1	4.3
ENE	.1	.7	.4									1.2	5.8
E	.7	1.0	.6									2.2	5.1
ESE	1.1	3.2	1.5	.8		.1						6.8	6.6
SE	1.9	1.9	3.0	.6								7.4	6.2
SSE	2.2	2.5	.8									5.5	4.5
S	3.5	4.7	1.5	.3								12.0	4.4
SSW	3.3	3.4	.1									6.9	3.6
SW	4.4	1.1										5.5	2.9
WSW	2.1	1.9	.7	.1								4.8	4.6
W	3.6	5.5	3.7	.6	.1	.4						13.9	6.2
WNW	2.3	1.6	1.0	1.5	.1	.1						6.9	7.2
NW	2.2	1.8	1.0	.1	.1							5.2	5.2
NNW	.3	1.8	.6	.6								3.2	6.5
VARBL													
CALM												12.3	
	31.9	33.5	15.7	5.5	.4	.7						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 725

CLIMAT. CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 LDMONTON IAP CN 73-80 JUL
 STATION STATION NAME YEARS MONTH
 0300-0500
 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.5	.1	.3								1.9	5.4
NNE	.4	.5	.4	.1								1.5	5.7
NE	.5	.4	.3									1.2	4.7
ENE	.1	.4	.1	.4								1.1	8.0
E	.4	.9	.3									1.6	5.2
ESE	1.2	2.3	1.6	.3								5.4	5.9
SE	1.5	2.4	1.4	.7								6.0	6.1
SSE	2.3	1.6	2.2									6.1	5.1
S	5.3	6.0	.7									11.9	3.7
SSW	3.1	2.6	.4									6.1	3.6
SW	2.4	2.0	.4									4.9	3.9
WSW	2.6	2.4	.7	.1								5.8	4.2
W	5.8	5.4	4.7	1.2	.1	.3						17.6	5.9
WNW	1.5	1.9	1.8	1.9								7.0	7.4
NW	.9	1.5	.7		.3							3.4	6.0
NNW	1.1	1.4	.7	.3								3.4	5.4
VARBL													
CALM												15.0	
	30.2	32.4	16.4	5.3	.4	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 738

FEDERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2142 STATION EDMONTON IAP CN STATION NAME 73-80 YEARS JUL MONTH
ALL WEATHER CLASS 0600-0600 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	.4	.1								2.7	4.8
NNE	.6	.6										1.1	3.5
NE	.3		.4	.1								.8	6.4
ENE	.1	.1	.1									.4	5.3
E	.1	.4	.1									.7	4.8
ESE	.7	1.7	.9	.1	.1							2.8	6.1
SE	1.4	2.2	2.7	.7	.1							6.8	7.1
SSE	1.2	2.5	2.2	.3								7.3	5.6
S	4.1	3.8	1.4	.6								9.8	4.7
SSW	1.1	1.5	.1									2.8	3.6
SW	3.2	.9	.1									4.2	3.2
WSW	1.8	1.8	.7	.3								4.6	5.2
W	4.7	5.6	5.2	2.7	.4							15.6	6.9
WNW	3.2	3.9	4.7	1.7	.4							14.0	6.9
NW	1.3	2.2	1.8	1.0								8.3	6.5
NNW	.7	1.5	.7	.4								3.4	6.0
VARBL													
CALM												14.1	
	26.8	28.4	21.6	8.0	1.1							102.0	5.1

TOTAL NUMBER OF OBSERVATIONS 716

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142
STATION

EDMONTON IAP CN

STATION NAME

73-80

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1973-1980

PERIOD

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.8									5.4	4.7
NNE	.7	.7	.6	.1								2.1	5.4
NE	.8	.4	.4									1.7	4.5
ENE	.4	.7	.3									1.4	4.5
E	.7	.7	.4									1.5	4.5
ESE	.7	.3	.3	.4								1.7	6.1
SE	1.1	1.5	2.2	1.0	.4							6.3	7.2
SSE	1.1	2.7	3.6	2.2								9.6	7.2
S	2.0	2.9	3.2	.8								9.9	6.3
SSW	.7	.1	.1	.1								1.1	4.5
SW	1.3	1.4	.3	.1								3.1	4.5
WSW	1.3	1.5	1.5		.4							4.7	6.4
W	2.1	6.1	3.4	2.7	.3	.3						14.2	7.7
WNW	2.1	3.2	5.3	4.1	1.0		.1					15.8	6.1
NW	1.3	3.1	3.2	3.4	.3							11.2	8.7
NNW	.6	1.7	2.4	2.1								7.0	6.7
VARBL													
CALM												5.4	
	18.3	28.4	28.1	17.0	2.4	.3	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

716

AF CLIMATOLOGY BRANCH
 AFMPC
 FATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EL MONTON IAP CN YEARS 73-80 MONTH JUL
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	2.1	1.0								8.4	6.0
NNE	.7	1.1	.7	.1								2.7	5.0
NE	.7	1.1	.3									2.1	4.0
ENE	.1	.7	.4									1.2	5.0
E	.8	.8	.3	.1								2.1	4.0
ESE	1.0	.7	2.1	1.1	.1							5.0	6.0
SE	.7	1.6	1.4	1.5	.4							5.9	6.0
SSE	.8	1.7	3.1	2.5	.1							6.2	6.0
S	1.7	2.9	3.1	1.7								7.4	7.0
SSW	1.1	1.1	.3									2.5	4.0
SW	.8	1.0	.4									2.2	4.0
WSW	1.2	1.1	1.1	.1								4.2	5.0
W	2.5	3.9	4.2	2.4	.7							13.7	7.0
WNW	2.1	2.1	4.7	3.2	.8	.3						13.1	9.0
NW	1.0	1.7	3.4	2.7	.3							6.9	6.0
NNW	1.0	2.7	2.8	2.0	.1							6.5	6.0
VARBL													
CALM												3.8	
	17.7	24.7	30.3	18.4	2.7	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7

LOCAL CLIMATOLOGY BRANCH
 USAF/ETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 EDMONTON IAP CN 73-80 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1500-1700

NOVS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.0	2.9	1.4								7.5	7.1
NNE	.4	1.0	1.0	.4	.1							3.7	7.1
NE	.7	1.1	.8									2.8	5.4
ENE	.7	.8	1.0	.1								2.5	5.7
E	.6	1.4	1.2	.4	.1							3.7	7.1
ESE	.6	.7	.7	.8	.3							3.0	8.6
SE	.3	1.2	2.6	1.7	.3							6.1	7.5
SSE	.7	1.8	2.9	1.9	.1							7.5	6.2
S	2.5	3.7	4.2	.7	.1							11.2	6.5
SSW	1.5	.8	.6									2.9	4.4
SW	1.2	.4										1.7	2.3
WSW	1.2	1.5	.8	.1	.1							3.9	3.5
W	2.2	3.2	2.4	2.5	.8							11.1	7.9
WNW	.7	2.2	2.9	2.8	.6	.3						9.4	9.6
NW	1.7	1.4	3.2	2.9	.1							9.3	8.3
NNW	.8	2.9	2.5	1.5	.3							6.0	7.9
VARBL													
CALM												5.7	
	17.2	26.2	29.6	17.3	3.0	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 723

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIR FORCE STATION SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 77-80 MONTH JUL
 CLASS ALL WEATHER
 CONDITION 1800-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.3	2.6	.8	.1							6.9	6.3
NNE	1.7	1.3	.8	.3								3.0	5.7
NE	1.7	.6	.6									2.4	4.0
NNE	.4	.4	1.8	.3								3.5	7.0
E	.7	3.7	1.8	.6								6.3	6.3
ESE	1.3	3.4	2.1	.3	.1							7.2	6.1
SE	1.0	2.0	2.1	1.1								6.2	7.0
SSE	1.4	3.4	1.7	.6								7.3	6.3
S	2.4	2.0	1.5	.4								6.3	5.0
SSW	1.7	.8	.1									2.7	3.7
SW	1.3	.4	.3									2.0	3.7
WSW	1.1	1.0	.3	.6								3.0	5.0
W	1.3	2.5	1.1	1.0	.1	.1						6.2	7.2
WNW	1.5	1.8	2.0	1.7	.3							6.3	7.9
NW	1.0	3.0	2.4	1.8	.1							9.2	7.4
NNW	2.7	3.4	1.7	2.0	.3							10.0	6.5
VARBL													
CALM												6.9	
	24.4	31.5	24.2	11.7	1.1	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 710

FEDERAL CLIMATOLOGY BRANCH
 CANADIAN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

192 EDMONTON IAP CN 73-80 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.9	.6								3.9	6.9
NNE	1.1	1.7	1.0									3.0	5.2
NE	.6	1.0	.3									1.9	4.6
ENE	.4	.8	.7									1.9	5.6
E	.8	2.6	2.4	.4								8.2	6.2
ESE	1.9	5.3	3.6	.8	.1							11.3	6.2
SE	2.2	2.5	1.8	1.0								7.5	6.1
SSE	1.7	1.9	.8	.3								4.7	5.0
S	0.0	4.2	1.0	.4								9.6	4.6
SSW	2.8	2.4	.4									5.5	3.5
SW	3.0	.7		.1								3.9	3.2
WSW	2.4	1.1	.6									4.0	3.8
W	3.5	3.9	1.5	1.2	.1	.1						13.4	6.2
WNW	1.5	2.1	1.1	2.1	.1	.1						7.1	8.1
NW	2.4	1.9	.3		.1							4.7	4.4
NNW	.3	1.4	.7	.8								3.2	7.4
VARBL													
CALM												10.4	
	29.2	33.4	13.0	7.8	.6	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 722

LOCAL CLIMATOLOGY BRANCH
FAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 42 EDMONTON IAP CH STATION NAME 73-80 YEARS JUL MONTH
CLASS ALL WEATHER ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	1.4	.6	.0							4.5	6.3
NNE	.7	.9	.6	.2	.0							2.5	5.6
NE	.7	.6	.4	.0								1.7	4.5
ENE	.3	.6	.6	.1								1.6	6.1
E	.6	1.4	.9	.2	.0							3.1	5.9
ESE	1.1	2.1	1.6	.6	.1	.0						5.5	6.6
SE	1.3	1.9	2.2	1.0	.2							6.5	7.3
SSE	1.6	2.3	2.2	1.0	.0							7.0	6.7
S	3.4	3.2	2.1	.6	.0							9.9	5.2
SSW	1.9	1.6	.3	.0								3.8	3.6
SW	2.2	1.0	.2	.0								3.4	3.5
WSW	1.8	1.6	.8	.2	.1							4.4	5.2
W	3.2	4.5	3.3	1.8	.3	.2						13.3	6.9
WNW	1.2	2.4	3.1	2.4	.4	.1	.0					10.2	8.2
NW	1.5	2.3	2.2	1.5	.2							7.2	7.4
NNW	1.0	2.1	1.5	1.2	.1							5.6	7.3
VARBL													
CALM												9.3	
	24.5	30.1	23.0	11.3	1.5	.3	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

5765

U.S. AIR FORCE
CLIMATE BRANCH
U.S. WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0142 STATION NAME EDMONTON IAP CN YEARS 77-80 MONTH AUG
CLASS ALL WEATHER HOURS 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.4	1.0	.1								3.8	5.3
NNE	1.7	1.0	.3	.3								2.5	5.6
NE	.7	.3	.3									1.3	4.3
ENE	.3	.1	.3	.1								.8	6.2
E	.8	1.3	.6	.1								2.5	5.3
ESE	1.4	1.0	1.5	.7								5.6	6.1
SE	1.4	3.1	2.6	.7								7.8	6.4
SSE	1.8	2.4	1.1	.1								5.4	4.7
S	5.6	6.1	.7									12.4	3.9
SSW	4.5	3.3	.4	.1								8.3	3.8
SW	2.1	1.5		.3								3.9	4.2
WSW	3.1	3.1	.4	.4								7.0	4.4
W	2.9	4.7	2.4	.8								10.8	5.6
WNW	2.9	1.6	.8	1.5								7.1	6.1
NW	1.4	1.4	.8	1.1								4.7	7.2
NNW	1.4	.6	.6	.4	.1							3.1	6.4
VARBL													
CALM												12.8	
	32.4	33.2	13.8	7.0	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 719

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTH AUG
 CLASS ALL WEATHER HOURS 1300-0500 (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.0	1.0	.3								3.8	4.9
NNE	.1	.9	.7	.3								1.9	7.1
NE	.8	.7										1.5	3.0
ENE	1.2	.4	.1									1.8	3.5
E	.6	1.0	.3	.1								2.2	4.4
ESE	1.4	1.8	1.2									4.4	4.9
SE	2.1	2.1	2.7	.1								7.0	5.7
SSE	1.6	2.2	1.1	.3								5.2	5.1
S	4.1	4.9	1.0									10.0	4.2
SSW	3.4	2.5										5.9	3.2
SW	3.3	2.1	.3	.1	.3							6.2	4.2
WSW	4.8	2.3	.7	.4								8.2	4.3
W	2.6	4.5	2.9	1.2								14.3	5.3
WNW	1.6	2.1	1.1	1.0								5.8	6.3
NW	2.2	1.4	.4	1.1	.4	.1						5.6	7.2
NNW	.8	1.2	.4	.3	.4							3.2	7.1
VARBL													
CALM												13.2	
	35.7	30.9	13.9	5.2	1.1	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 729

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION EDMONTON IAP CN STATION NAME 73-80 YEARS 400 SOUTH
ALL WEATHER CLASS 1600-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.8	.4								3.4	5.5
NNE	.6	.4	.6									1.6	5.4
NE	.6	.8	.6									2.0	5.1
ENE	.3	.1	.1									.6	4.5
E	.9	1.0	.6									2.4	4.9
ESE	.6	1.0	.6	.3								2.4	5.9
SE	1.7	2.3	2.0	.6								6.5	6.1
SSE	2.0	1.8	.6	1.0								5.4	5.7
S	3.0	5.7	1.8									10.5	4.8
SSW	4.2	1.4										5.7	2.2
SW	3.3	.4	.3	.1								3.8	3.5
WSW	3.4	2.0	.7	.1	.1							6.4	4.6
W	3.8	5.9	5.0	1.8	.3							16.8	6.5
WNW	1.8	2.4	2.4	1.1	.7							8.5	7.6
NW	1.1	.9	1.4	1.0	.6	.1						5.1	8.9
NNW	1.6	2.1	.7	.6								5.0	5.5
VARBL													
CALM												14.1	
	29.6	29.3	18.1	7.1	1.7	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 707

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 142 STATION EDMONTON IAP CN STATION NAME 73-80 YEARS AUG MONTH 1980-1180 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.4	1.9	.3								6.5	5.8
NNE	1.0	1.4	1.0	.4								3.7	5.9
NE	.3	.7	.7	.1								1.8	6.5
ENE	.4	.3	.3									1.0	4.6
E	.3	.8	.1									1.2	5.2
ESE	.7	.7	1.5	.1								3.1	6.5
SE	.6	1.9	1.5	.8								4.9	7.3
SSE	1.0	1.1	2.5	1.9								6.5	8.5
S	1.9	2.9	3.1	.6								8.2	6.2
SSW	1.2	1.2	.6									3.1	4.4
SW	1.2	1.1		.3								2.6	4.3
WSW	1.6	2.2	1.0	.1								5.1	4.6
W	3.5	3.5	4.4	2.5	.4							14.3	7.2
WNW	1.6	3.5	5.0	3.3	.7	.1						14.4	3.4
NW	2.6	2.4	3.7	2.4	.4							11.5	7.7
NNW	.7	2.2	2.9	1.2	.1							7.2	7.9
VARBL													
CALM												4.7	
	20.6	28.2	30.3	14.2	1.7	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 720

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 EDMONTON IAP CN 73-80 AUG

STATION STATION NAME YEARS MONTHS

ALL WEATHER

CLASS

CONDITION

1200-1400

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	2.5	.8	.3							8.2	6.6
NNE	.4	1.9	.7	.1								3.2	5.6
NE	1.0	1.2	.7									2.9	4.9
ENE	.8	.8	.6									2.2	4.8
E	.7	.6	.6	.4								2.2	6.8
ESE	.7	.7	1.1	.6								3.1	7.5
SE	.7	.7	2.1	1.7								5.1	8.7
SSE	1.0	.8	2.8	1.8								6.4	8.4
S	.7	2.4	4.4	1.4								3.9	7.6
SSW	.8	.8	.3	.1								2.1	4.7
SW	1.4	1.1	.6	.3	.1							3.5	5.6
WSW	1.4	.8	1.1	.6								3.9	6.5
W	1.0	2.1	3.3	1.5	.6							6.5	8.6
WNW	1.4	2.6	5.3	5.3	.7	.3						15.6	9.3
NW	.6	3.9	4.0	4.3	.6	.1						13.5	9.2
NNW	1.1	1.7	2.6	2.2								7.6	8.4
VARBL													
CALM												3.2	
	15.6	24.6	32.6	21.1	2.2	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 720

U.S. NATIONAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTHS AUG
CLASS ALL WEATHER
CONDITION _____
DOWNS (L.S.T.) 1500-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.6	2.6	.1							9.1	3.1
NNE	1.4	1.1	.8	.4								3.7	5.7
NE	1.1	1.0	.4	.4								2.9	6.0
ENE	.3	1.5	.7	.1								2.6	5.0
E	1.4	.6	1.0	.1								3.0	5.3
ESE	.6	1.4	1.2	.6								3.7	6.6
SE	.6	1.1	2.2	2.3								6.2	8.9
SSE	.3	1.1	1.8	1.4								4.5	8.8
S	1.4	1.8	1.4	.7								5.2	6.2
SSW	.7	.8	.8									2.3	5.2
SW	1.0	1.0	.1									2.1	3.8
WSW	.7	.7	.7	.4	.3							2.8	7.8
W	2.1	2.9	2.2	.8	.8	.1						9.0	7.5
WNW	1.5	2.2	4.8	4.8	.1	.6						14.0	9.7
NW	1.5	4.5	5.5	3.2	.4	.1						15.3	8.2
NNW	1.2	2.3	4.3	1.5	.4							9.8	7.9
VARBL													
CALM												3.7	
	16.7	26.6	30.6	19.4	2.2	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 726

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2142 STATION NAME EDMONTON IAP CH YEARS 73-80 MONTH AUG
 CLASS ALL WEATHER 1960-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.5	1.0	1.0								7.5	5.2
NNE	2.4	.7	1.0	.3								4.4	5.1
NE	1.3	2.4	.4	.3								4.4	4.9
ENE	1.3	2.0	1.0									4.2	4.8
E	.8	3.1	1.4									5.4	5.3
ESE	1.4	3.4	1.4	1.0								7.2	6.3
SE	1.3	1.7	2.7	.4								6.1	6.4
SSE	1.7	1.8	1.0	.1								4.7	4.5
S	2.0	1.6	.3	.1								4.0	4.2
SSW	1.3	1.0	.1									2.4	3.5
SW	1.6	.3	.1	.1								2.1	3.5
WSW	1.4	.7	.3									2.4	3.8
W	3.5	3.8	.6	.7	.4							9.1	5.5
WNW	1.8	2.3	2.1	1.7	.3							8.2	7.6
NW	3.7	3.0	3.3	1.0	.3							11.2	6.3
NNW	2.0	2.9	2.1	1.1		.1						5.2	6.6
VARBL													
CALM												8.6	
	29.4	34.1	13.8	7.9	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 707

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2146 EDMONTON IAP CN STATION NAME 73-80 YEARS AUG
 CLASS ALL WEATHER MONTH 2100-2300
 CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	1.4	.5								4.5	5.9
NNE	1.5	.3	.4									2.2	3.8
NE	.7	1.6	.5	.4								3.3	5.0
ENE	.4	.7	.3									1.4	4.5
E	1.4	2.5	.6	.3								4.9	5.1
ESE	1.1	4.8	3.3	.7								9.9	6.3
SE	1.6	1.0	2.6	.7								6.4	6.4
SSE	1.2	2.2	1.1									4.5	5.0
S	4.2	5.9	.4	.3								10.8	4.3
SSW	3.8	3.2	.1	.1								7.3	3.8
SW	2.7	1.0	.1	.1								4.0	3.5
WSW	2.1	1.2	.5	.8	.3							4.9	6.2
W	3.3	3.6	.8	.4								6.1	4.2
WNW	1.0	2.1	1.2	1.1	.3							5.6	7.3
NW	1.3	1.5	1.1	.8	.3							5.5	7.0
NNW	1.0	1.2	1.0	1.1	.1							4.4	7.4
VARBL													
CALM												11.9	
	22.0	34.9	15.8	7.4	1.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 730

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142
STATION

EDMONTON IAP CN
STATION NAME

77-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.0	1.5	.8	.1							5.9	6.0
NNE	1.0	1.0	.7	.2								2.9	5.0
NE	.8	1.1	.5	.2								2.5	5.0
ENE	.6	.7	.4	.0								1.0	4.0
E	.9	1.3	.7	.1								3.2	5.0
ESE	1.0	2.0	1.5	.5								4.9	6.0
SE	1.3	1.2	2.3	.9								6.3	6.0
SSE	1.3	1.7	1.5	.8								5.3	6.0
S	2.8	3.9	1.6	.4								8.8	5.0
SSW	2.5	1.9	.3	.1								4.6	3.0
SW	2.0	1.1	.2	.2	.1							3.5	4.0
WSW	2.3	1.6	.7	.4	.1							5.1	5.0
W	3.2	3.9	2.7	1.2	.3	.0						11.3	6.0
WNW	1.7	2.4	2.8	2.5	.3	.1						9.9	6.0
NW	1.9	2.4	2.5	1.9	.4	.1						7.0	7.0
NNW	1.2	1.5	1.9	1.1	.2	.0						6.0	7.0
VARBL													
CALM												5.0	
	26.2	30.3	21.7	11.2	1.4	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

575

FEDERAL CLIMATOLOGY BRANCH
 WLTAD
 METEOROLOGICAL SERVICE/MAS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

144 STATION 73-80 SEP MONTH
 10-MONTON IAP CN STATION NAME YEARS
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SF
N	1.1	1.4	1.4	.3	.1							4.4	
NNE	1.1	.6	.6									2.3	
NE	.6	.6	.1									1.3	
ENE	.3	.3	.3									.9	
E	.7	1.1	.6									2.4	
ESE	.9	1.1	2.8	2.1								7.0	
SE	1.1	2.6	3.3	.9								7.8	
SSE	.4	2.6	1.4	.9								5.3	
S	4.6	2.4	3.6	.1								17.7	
SSW	3.3	2.4	.4									6.1	
SW	2.8	.9	.1									3.8	
WSW	2.7	3.4	.7									6.8	
W	3.4	4.8	2.7	.1								11.1	
WNW	1.7	1.9	2.1	.6								5.6	
NW	1.6	1.3	1.0	.7	.3		.1					5.0	
NNW	.6	1.4	1.1	.9								5.0	
VARBL													
CALM												6.5	
	26.2	35.8	22.4	6.6	.4		.1					100.0	

TOTAL NUMBER OF OBSERVATIONS

AD-A113 175 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON IAP, ALBERTA, CANADA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)
DEC 81

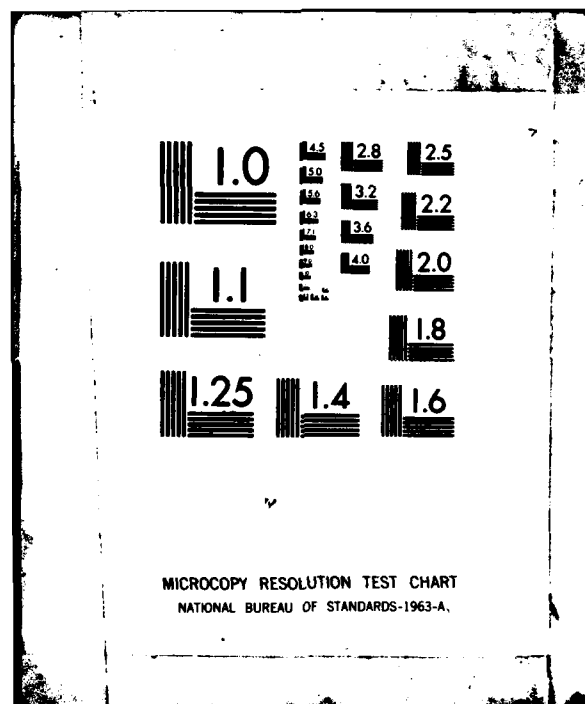
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON 1AP, ALBERTA, CANADA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)
DEC 81

UNCLASSIFIED USAFETAC/DS-82/005 SBI-AD-E850 145 NL

SBI-AD-E850 145 NL

NL

244



FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 COMBENTON IAP CN 73-80
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
SLP
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.8	1.0	.6								3.2	6.7
NNE	1.6	1.4	.1									3.1	3.6
NE	.4	.7	.3									1.4	5.2
ENE	.1	.6		.1								.8	5.5
E	.6	1.1	.3									2.0	4.9
ESE	1.1	1.1	1.8	1.7								5.8	8.0
SE	1.4	4.1	2.0	.7								8.2	6.3
SSE	2.0	1.7	1.3	.3								5.2	5.4
S	6.6	6.3	2.4	.3								15.7	4.6
SSW	4.9	1.4	.1									5.5	3.1
SW	3.9	1.1	.1									5.2	2.9
WSW	2.8	2.4	.4									5.6	4.0
W	3.5	5.8	3.4	.1	.1	.1						13.1	5.5
WNW	1.1	3.4	1.7	.7								6.9	6.1
NW	1.0	2.0	1.4	.4								4.8	6.0
NNW	.6	.8	1.1	.4								3.0	7.2
VARBL													
CALM												9.4	
	32.6	34.8	17.5	5.4	.1	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 704

U.S. AIR FORCE METEOROLOGICAL BRANCH
 WILMINGTON
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WILMINGTON IAP ON YEARS 73-80 MONTH SEP
 STATION NAME CLASS ALL WEATHER MONTHS (U.S.T.) 0600-0600
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	.9	.4								2.5	7.1
NNE	.7	.6		.1								1.5	4.6
NE	.3	.9	.1	.3								1.6	5.8
ENE	.3	.7	.3									1.3	5.3
E	.4	.9	.6	.1								2.1	6.1
ESE	.4	.9	1.8	1.6								4.7	9.1
SE	1.6	2.3	1.9	.7								6.6	6.2
SSE	2.1	2.8	1.6	.9	.1							7.5	6.2
S	5.9	6.2	3.1									15.1	4.5
SSW	3.7	1.6	.1									5.4	3.2
SW	2.9	.9	.1									4.0	3.1
WSW	2.6	2.6	1.0									6.3	4.2
W	3.2	6.6	4.3	.4	.1							14.7	5.9
WNW	1.2	2.9	2.8	1.2								8.7	6.3
NW	.5	1.8	.9	1.6								4.6	7.3
NNW	.3	1.5	1.0	1.0								3.8	7.7
VARBL													
CALM												9.1	
	27.2	34.4	20.6	8.5	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 681

U.S. AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NO. 102 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTH SEP
 CLASS ALL WEATHER
 CONDITION _____
 DOWNS (L.S.T.) 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.4	.7	.1							4.6	7.2
NNE	.1	.1		.1								.4	6.7
NE	.3	.7	.3	.4								1.7	7.3
ENE	.6	.9	.6									2.0	5.1
E	1.4	1.1	.1	.1								2.5	4.1
ESE	.4	1.1	2.0	2.0								5.5	8.7
SE	.7	1.6	1.4	1.3								5.0	7.7
SSE	.7	2.3	2.7	2.3								5.0	8.6
S	1.8	2.6	2.8	2.1								9.4	7.2
SSW	1.7	2.0	1.0	.1								4.5	4.9
SW	1.0	.7	.3									2.0	4.0
WSW	1.3	2.3	.7									4.3	4.5
W	2.8	6.3	5.0	1.8	.1							16.1	6.6
WNW	1.1	3.3	5.5	3.3	.7	.4						14.4	9.1
NW	1.1	1.4	2.8	3.2	.4							9.4	9.2
NNW	1.1	1.0	2.1	1								5.0	6.1
VARBL													
CALM												3.7	
	17.2	28.7	28.9	19.6	1.4	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 701

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFMPC
 AIR FORCE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 ED MONTON IAP CN STATION NAME 73-80 YEARS SEP MONTHS 1200-1400 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.7	1.7	1.7								5.9	7.8
NNE	1.0	1.7	.1	.6								2.8	5.8
NE	.7	.4	.3	.3								1.7	5.5
ENE	.6	.4	.6	.1								1.7	5.1
E	1.7	.9	.6	.3								2.8	5.7
ESE	.6	1.2	1.4	1.7								4.9	8.7
SE	.4	1.4	2.3	2.3	.4							7.4	9.2
SSE	.9	1.3	1.7	2.9	.1							7.0	8.9
S	.6	2.0	1.7	2.6	.6							7.5	9.3
SSW	1.0	1.2	.6	.6								3.3	6.0
SW	1.2	1.7	1.0	.1								4.1	5.3
WSW	1.6	1.2	.4	.1								3.3	4.4
W	2.7	3.3	3.0	1.9								10.0	7.2
WNW	1.0	2.9	3.6	4.6	.3	.6						13.2	10.2
NW	1.6	.7	4.5	4.1	1.4							12.3	10.2
NNW	1.0	1.6	2.6	2.8	.9							6.6	9.6
VARBL													
CALM												3.2	
	15.7	22.5	26.5	26.8	3.8	.6						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 690

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 EDMONTON IAP CN 73-80 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.7	1.7	.1							7.6	8.2
NNE	.7	1.4	1.1	.1								3.4	6.1
NE	.4	1.1	1.0	.4								5.0	6.9
ENE	.3	.1	.3									.7	5.8
E	2.3	1.6	1.4	.3								5.6	5.2
ESE	.7	1.6	3.3	1.1	.3							7.0	8.1
SE	.1	.9	2.9	1.1								5.0	8.5
SSE	.3	1.7	2.6	1.7								6.3	8.5
S	.4	1.4	1.3	1.3	.3							4.7	8.6
SSW	1.0	.0	1.4	.3								3.6	5.9
SW	1.0	1.7	.6									3.3	4.5
WSW	1.0	1.7	.7									3.4	4.9
W	2.0	2.6	1.9	1.3	.3							5.0	7.1
WNW	1.1	2.1	4.3	2.7	.4	.3						11.0	9.2
NW	1.6	2.9	2.6	3.4	.9	.6						11.3	9.3
NNW	.7	3.6	2.4	3.7	.6							11.0	9.1
VARBL													
CALM												4.7	
	14.7	27.2	30.4	19.3	2.9	.9						120.0	7.5

TOTAL NUMBER OF OBSERVATIONS 701

JUNIOR CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 SEP 1800-2000
STATION MONTHS
 CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.0	2.2	.4	.1							6.3	6.4
NNE	1.4	.9	.6									2.9	4.1
NE	1.3	2.4	1.1	.1								5.0	5.3
ENE	.6	1.7	1.3									3.6	5.2
E	.7	3.3	3.7									7.9	6.4
ESE	1.1	4.3	2.3	1.0								8.8	6.6
SE	2.0	2.9	3.9	.6								9.3	6.3
SSE	1.6	1.0	1.1	.3								4.0	5.3
S	3.0	2.4	1.1									6.6	4.3
SSW	1.9	1.9										3.7	3.9
SW	1.9	.4										2.3	3.1
WSW	1.0	.6	.4									2.0	4.3
W	3.2	2.6	.3	.3	.4							6.7	5.0
WNW	1.3	1.9	2.3	1.1	.1							6.7	7.0
NW	1.0	2.2	3.0	.4								6.6	7.0
NNW	2.4	2.3	2.3	1.1	.1							8.3	6.6
VARBL													
CALM												2.2	
	26.1	32.7	25.7	5.5	.9							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 697

U.S. AIR FORCE
 AFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 EDMONTON IAP CN 73-80 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

2100-2300

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.3	.4	.3							4.7	6.5
NNE	.7	.8	.4									2.0	4.4
NE	.4	.8	1.0	.1								2.4	5.9
ENE	.7	1.0	.6									2.3	4.6
E	.8	1.5	2.5	.4								5.4	6.9
ESE	1.1	1.3	4.2	2.1								6.6	8.2
SE	.9	2.4	2.4	1.7								7.4	7.7
SSE	1.1	1.6	1.6	.1								4.4	5.0
S	5.7	9.6	3.4									13.7	4.7
SSW	2.8	2.3	.4									5.5	3.6
SW	2.4	.9	.1									3.4	3.2
WSW	1.8	1.6	.3	.1								3.8	4.1
W	2.5	3.7	1.4	.4								6.1	5.3
WNW	1.1	3.0	1.0	.8								5.9	6.4
NW	1.4	1.7	1.4	.4	.3							5.2	6.6
NNW	.7	1.4	1.7	.4								4.2	6.5
VARBL													
CALM												7.8	
	25.6	35.0	23.8	7.2	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 706

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFSTAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 LOMONTON IAP CN STATION NAME 73-80 YEARS SEP MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.6	.8	.1							4.9	7.1
NNE	.9	.9	.4	.1								2.3	4.8
NE	.6	1.0	.5	.2								2.3	5.8
ENE	.4	.7	.5	.0								1.7	5.3
E	1.0	1.4	1.2	.2								3.9	5.7
ESE	.3	1.6	2.5	1.7	.0							6.6	8.1
SE	1.0	2.3	2.5	1.2	.1							7.1	7.3
SSE	1.1	1.0	1.8	1.2	.0							5.9	7.2
S	3.6	5.0	2.4	.8	.1							11.9	5.5
SSW	2.5	1.7	.5	.1								4.9	4.1
SW	2.1	1.0	.3	.0								3.5	3.5
WSW	1.9	2.0	.6	.0								4.5	4.3
W	2.8	4.4	2.7	.8	.1	.0						11.0	5.9
WNW	1.2	2.7	2.9	1.9	.2	.2						9.0	8.1
NW	1.2	1.7	2.2	1.8	.4	.1	.0					7.5	8.5
NNW	.9	1.7	1.8	1.5	.2							6.1	8.0
VARBL													
CALM												7.0	
	23.3	31.4	24.5	12.3	1.3	.3	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5589

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20142 EDMONTON IAP CN 73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	.4		.1							1.3	6.1
NNE	.2	.3	.3									.8	4.8
NE	.3	.4	.7									1.4	6.3
ENE	.3	.1	.4									.9	6.3
E	.7	.3	.3	.1								1.4	5.3
ESE	.3	1.1	1.0	2.2	.3							4.8	9.9
SE	.7	1.8	1.4	1.8	.3	.1						6.3	8.9
SSE	1.1	1.6	2.5	1.0								6.2	7.3
S	4.4	12.1	7.1	.4								24.0	5.6
SSW	3.6	4.3	.5									8.4	3.9
SW	2.7	1.9										4.7	3.3
WSW	.7	2.5	1.4									4.5	5.3
W	2.2	4.1	3.7	1.6								11.7	6.5
WNW	.3	2.6	2.6	1.5	.7	.5	.1					8.4	10.2
NW	.8	1.4	.4	.8	.5							4.3	3.2
NNW	.4	.8	.4	.5								2.2	7.6
VARBL													
CALM												3.8	
	13.8	36.5	23.1	10.0	1.9	.7	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 726

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 EDMONTON IAP CN STATION NAME 73-80 YEARS OCT
STATION NORTH
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.4									1.1	5.6
NNE	.3	.4	.4									1.1	5.0
NE	.1	.5	.7									1.4	6.2
ENE	.1	.4	.3									.8	5.3
E	.5		.3	.3								1.1	6.5
ESE	.4	.5	1.2	1.2	.1							3.6	8.8
SE	1.2	2.7	1.9	2.1	.3							6.4	7.7
SSE	2.2	3.7	1.8	.8								7.0	5.8
S	4.7	11.5	5.3	.4								21.9	5.9
SSW	2.5	3.6	.7									6.7	4.1
SW	3.3	1.6	.3									5.2	3.3
WSW	1.5	3.7	1.6	.3								7.1	5.1
W	3.2	4.4	3.6	1.4								12.5	6.2
WNW	1.1	1.6	2.2	2.5	.8	.1						8.4	9.9
NW	.4	1.6	.8	.4	.7	.1						4.1	9.3
NNW	.4	.8	.5									1.8	5.2
VARBL													
CALM												7.1	
	22.1	37.3	22.1	9.3	1.9	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 730

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20042

EDMONTON IAP CN

73-80

007

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.1	.1								1.0	4.7
NNE		.6	.1	.3								1.0	6.7
NE	.4	.1	.1									.7	4.0
ENE	.1		.3	.3								.7	7.6
E	.3	.6	.1	.1								1.1	5.5
ESE	1.1	1.3	1.1	1.0	.1							4.6	7.3
SE	1.1	2.9	1.7	2.2								3.0	7.6
SSE	1.4	2.5	2.8	.8								7.5	6.6
S	5.4	11.2	5.9	.8								23.3	5.4
SSW	2.4	1.5	.4									4.3	3.7
SW	2.8	.4	.1									3.4	3.1
WSW	2.2	4.6	1.7									3.5	5.0
W	2.0	4.9	5.6	1.3								13.7	6.5
WNW	1.0	1.0	1.8	2.9	.3							7.0	9.5
NW	.7	1.0	.7	1.5	.1							4.1	8.5
NNW	1.0	.7	.4	.1								2.2	4.8
VARBL													
CALM												5.1	
	22.6	34.1	23.0	11.6	.6							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

716

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 LEMONTON IAP ON 73-21 73 21
 STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	.0	.1								1.7	0.4
NNE	.3	.1										.4	3.1
NE	.4	.4	.3	.1								1.3	6.1
ENE		.1	.3	.3								.7	9.1
E	.4	.1										.8	3.6
ESE	.7	.1	.4	1.5								1.8	9.1
SE	.1	.7	2.5	1.3	.4							1.3	13.1
SSE	1.1	2.4	3.5	2.2								5.2	7.1
S	1.7	7.3	6.7	1.5								16.9	6.1
SSW	2.5	2.0	1.1	.3								5.9	4.1
SW	1.7	1.5	.2									3.6	4.1
WSW	2.1	1.7	2.1	.1								5.8	5.1
W	2.9	4.5	6.3	2.5	.3	.1						16.6	7.1
WNW	2.1	2.9	1.8	3.5	1.4	.7						12.3	9.1
NW	.6	1.4	1.8	2.9	1.9	.6						9.1	12.1
NNW	.4	1.8	.4	.6								3.2	6.1
VARBL													
CALM												4.7	
	16.9	27.1	28.9	17.6	3.9	1.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

142 EDHONTON IAP CN 73-80 OCT
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	1.5	.6	.3							3.6	8.3
NNE	.7	.1										.8	3.8
NE	.3	.3										.6	3.5
ENE	.4	.4	.6	.4								1.8	7.5
E	.6	.4	.4									1.4	4.5
ESE	.3	.4	.6	1.4								2.6	9.5
SE	.1	.4	2.1	2.5	.1							5.3	11.3
SSE	.4	1.0	3.2	2.6	.4							7.6	10.3
S	.7	2.2	5.0	2.6	.6							11.1	9.8
SSW	1.1	.9	1.8	1.0								4.7	7.5
SW	.7	1.5	1.2									3.5	5.7
WSW	.3	2.5	1.8	.4								5.5	6.3
W	2.2	3.2	4.0	3.0	.7	.3	.1					13.6	8.2
WNW	.7	2.8	3.7	4.4	2.2	1.1						14.2	11.6
NW	1.2	1.7	3.2	3.9	2.9	1.5						14.4	12.6
NNW		1.0	1.1	2.1	.3							4.4	10.4
VARBL													
CALM												4.3	
	10.5	19.4	30.2	24.9	7.5	2.9	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 723

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2 142 EDMONTON IAP CN 73-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	1.7	.1	.4							3.7	8.4
NNE	.7	1.1	.1									1.9	4.0
NE	.0	1.0	.3	.4								2.5	5.9
ENE	.4	.6	.6									1.5	5.7
E	.6	.4	.3									1.2	4.7
ESE	1.0	1.0	1.1	1.8								4.8	8.2
SE	.8	1.0	3.9	2.2	.1							5.0	9.0
SSE	1.2	1.9	3.0	2.1	.3							3.6	8.3
S	1.8	2.5	3.3	.7	.3							8.6	6.3
SSW	2.6	1.8	.7	.3								5.4	4.8
SW	1.1	2.1	.7	.4								4.3	5.6
WSW	1.0	1.7	.6									3.2	4.7
W	1.5	3.0	2.1	1.4	.4	.1						8.6	7.7
WNW	.7	2.8	3.9	3.6	2.2	.8						14.0	11.4
NW	1.2	1.1	3.9	4.3	2.2							12.7	11.2
NNW	.4	1.6	2.1	1.1	.4							5.8	8.5
VARBL													
CALM												5.1	
	15.9	25.3	28.0	18.4	6.4	1.0						109.0	7.9

TOTAL NUMBER OF OBSERVATIONS 724

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	.7	.1	.1	.1						3.3	6.6
NNE	.8	1.0	.3									2.1	4.1
NE	.1	1.0	.6									1.7	6.1
ENE	.4	.8										1.2	3.7
E	.8	1.7	.7	.1	.3							3.6	6.3
ESE	.4	1.7	4.3	1.2								7.6	7.9
SE	.8	4.4	3.0	.7	.3							9.3	6.9
SSE	1.1	3.2	2.2	1.5								8.0	6.9
S	4.3	6.5	4.7	.6								16.1	5.6
SSW	2.5	2.6	.6									5.7	4.1
SW	1.7	1.1	.6	.3								3.6	4.6
WSW	1.4	2.2	.6	.1								4.3	4.5
W	1.9	2.9	1.4	.7	.1							7.1	5.8
WNW	1.0	2.1	2.5	2.2	.3	.4						8.4	9.3
NW	1.0	2.8	1.8	1.2	.1							6.9	7.1
NNW	1.0	1.1	1.2	.3	.1							3.7	6.3
VARBL													
CALM												7.3	
	19.9	36.6	25.1	9.1	1.4	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

722

U.S. AIR FORCE
METEOROLOGICAL BRANCH
METEOROLOGICAL
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 ED MONTON IAP CN STATION NAME 73-80 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	.4	.3								1.8	6.9
NNE	.3	1.1	.4	.1								1.9	5.7
NE	.7		.3									1.0	4.6
ENE	.3			.1								.4	5.3
E	.7	1.0	.4	.3								2.3	5.4
ESE	1.0	1.0	1.1	1.6	.1							4.8	8.3
SE	.8	3.4	3.3	2.2	.1							9.9	8.0
SSE	1.2	2.3	2.3	.8	.1	.1						7.0	7.0
S	3.6	9.5	7.5	.7								21.5	5.9
SSW	2.3	4.4	1.1									7.8	4.6
SW	1.9	2.3	.5									4.8	4.0
WSW	1.2	2.5	.5	.1								4.4	5.0
W	1.9	3.4	3.8	1.1								10.3	6.7
WNW	1.2	1.1	1.8	2.2	1.0	.5	.1	.1				7.8	11.5
NW	.3	1.9	.7	.8	.1							3.6	7.4
NNW	1.0	.4	.7									2.1	5.0
VARBL													
CALM												3.4	
	18.7	35.1	25.0	10.4	1.5	.7	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	EDMONTON IAP CN	73-80	OCT
STATION NAME		YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	.6	.2	.1	.0						2.4	7.0
NNE	.4	.6	.2	.1								1.3	4.7
NE	.4	.5	.4	.1								1.3	5.7
ENE	.3	.3	.3	.1								1.0	6.3
E	.6	.6	.3	.1	.0							1.6	5.5
ESE	.6	.9	1.3	1.5	.1							4.5	6.5
SE	.7	2.2	2.5	1.9	.2	.0						7.5	8.4
SSE	1.2	2.2	2.7	1.5	.1	.0						7.7	7.5
S	3.4	7.8	5.7	1.0	.1							17.9	6.2
SSW	2.4	2.6	.9	.2								6.1	4.6
SW	1.9	1.6	.5	.1								4.1	4.2
WSW	1.4	2.7	1.3	.1								5.4	5.3
W	2.2	3.8	3.8	1.6	.2	.1	.0					11.7	7.1
WNW	1.3	2.1	2.5	2.9	1.1	.5	.0	.0				13.1	10.6
NW	.8	1.6	1.7	2.0	1.1	.3						7.4	10.5
NNW	.6	1.1	.9	.6	.1							3.2	7.3
VARBL													
CALM												5.7	
	18.2	31.4	25.7	13.8	3.1	.9	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 5786

U.S. AIR FORCE
 14-00000
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140 STATION NAME EDMONTON IAP ON YEARS 73-80 MONTH NOV
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.3	.6	1.0	.1							2.6	9.0
NNE	.6	.3	.3	.1								1.3	5.7
NE	.4	.3										.7	3.6
ENE	.6	.3										.9	3.3
E	1.3	1.3	1.3	.9	.1							4.9	7.0
ESE	.3	1.1	1.4	.1								3.0	7.0
SE	.9	2.7	2.3	1.3								7.2	7.3
SSE	2.0	2.7	3.3	2.9								10.2	7.9
S	4.3	7.7	6.7	1.1								19.9	5.6
SSW	3.6	2.9	.7	.3								7.4	4.2
SW	2.3	1.9	.1	.1								4.4	3.9
WSW	1.9	2.4	1.3									5.6	4.9
W	1.6	3.7	3.6	1.7	.3							10.9	7.7
WNW	.4	1.6	2.7	2.3		.1						7.2	8.8
NW	.3	1.3	1.3	1.1								3.7	6.3
NNW	.1	.1	.9	.9	.3							2.3	10.8
VARBL													
CALM												6.0	
	21.0	29.6	26.5	13.9	.9	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 699

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 NO. MONTHS NOV
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.6	.8	.3							1.5	11.6
NNE	.3	.4	.4	.4								1.6	7.7
NE	.3	.3	.3	.1								1.0	6.3
ENE	.3	.6	.6	.1								1.6	6.3
E	1.1	.8	1.8	.3								4.1	6.2
ESE	.4	.8	.8	.1								2.3	6.1
SE	1.0	1.1	2.4	1.6	.1							6.2	8.3
SSE	3.4	3.4	3.3	2.4								12.4	6.6
S	5.5	7.5	4.4	1.0								18.4	5.4
SSW	2.8	3.4	1.1									7.4	4.4
SW	2.1	2.0	.3									4.4	3.6
WSW	2.0	2.3	1.4	.1								5.8	5.1
W	2.4	4.0	3.5	2.3	.1							1.3	6.9
WNW	.6	1.8	1.7	1.3	.1	.1						5.7	8.2
NW	.6	1.6	.7	.7								3.5	6.7
NNW	.3	.7	.8	.8								2.7	8.6
VARBL													
CALM												8.9	
	23.1	30.8	24.2	12.2	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 707

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-10.1
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2142 EDMONTON IAP CN STATION NAME 73-80 YEARS NOV
 CLASS ALL WEATHER MONTHS 1600-2800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		.0	.9	.7								2.5	6.5
NNE	.1	.1	.9	.4								1.5	8.2
NE	.3	.4	.4	.1								1.3	6.7
ENE	.1	.6	.6									1.3	6.7
E	.6	.7	1.0	.1								2.5	6.2
ESE	.3	1.2	1.0	.4								2.9	6.9
SE	.6	2.3	1.2	1.3	.4							5.3	8.2
SSE	1.3	2.8	2.8	1.9								6.7	7.4
S	4.8	9.3	5.5	1.5								21.0	5.7
SSW	3.2	3.9	.9									7.8	4.1
SW	1.2	1.7		.1								3.0	4.1
WSW	2.3	2.8	1.2	.3								6.5	4.9
W	2.3	3.5	5.2	1.3								12.3	6.6
WNW	.4	1.9	2.6	1.7	.6	.1						7.4	9.3
NW	.6	.4	.7	1.0	.3							3.0	9.6
NNW	.1	.3	1.2	1.3								2.9	9.6
VARBL													
CALM												9.3	
	18.3	32.7	26.0	12.3	1.3	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 689

CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTH NOV
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	.9	1.3								3.4	8.6
NNE	.7	.6	.6	.1								2.0	5.3
NE	.1	.6	.4									1.1	6.0
ENE	.1											.1	3.0
E	.3	.7	.1	.4								1.6	7.1
ESE	.9	1.1	.9	.9								3.7	7.0
SE	.9	1.4	1.8	1.0	.4							5.5	8.6
SSE	1.7	2.6	1.3	2.4	.1							7.7	6.0
S	3.0	7.0	4.0	2.0								15.9	6.2
SSW	1.9	2.0	1.1									5.0	4.4
SW	3.3	1.1	.3									4.7	3.7
WSW	2.6	2.7	1.8									7.1	4.8
W	1.6	4.0	7.0	2.7	.1							15.4	7.9
WNW	.7	2.3	3.3	3.0	.3							9.5	9.0
NW	.4	.7	.6	2.4	.3							4.4	10.6
NNW	.4	.6	1.1	1.7	.3							4.1	10.0
VARBL													
CALM												5.7	
	19.8	27.9	25.2	17.9	1.6							170.0	6.6

TOTAL NUMBER OF OBSERVATIONS 703

U.S. AIRCRAFT CARRIER BRANCH
 USAFETAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.7	2.7	1.9								6.1	8.3
NNE	.7	.6	.9	.4								2.6	6.6
NE	.1		.1									.3	5.0
ENE	.1	.3										.4	4.3
E	.5	.1	.4	1.0								2.1	9.4
ESE	.6	.6	1.0	1.4								3.6	9.0
SE	.4	1.1	2.3	1.7	.3							5.8	9.2
SSE	1.1	1.6	1.7	1.6	.1							6.0	8.1
S	1.9	2.8	3.0	1.9	.1							9.7	7.2
SSW	2.1	1.6	.3	.1								4.1	4.1
SW	2.3	1.3	.7		.1							4.4	4.4
WSW	1.6	2.6	1.0		.1							5.3	5.4
W	2.1	3.7	6.8	3.4	.3	.1						16.5	6.2
WNW	1.0	1.7	3.0	5.0	1.7	.4	.1					13.0	11.6
NW	.6	1.3	1.1	3.7	1.4							8.1	11.5
NNW	.2	.6	2.1	1.9								5.4	8.4
VARBL													
CALM												6.6	
	16.3	20.5	27.2	23.9	4.3	.6	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 702

USAF CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2142 EDMONTON IAP CN STATION NAME YEARS 73-80 MONTH NOV
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.3	1.0								5.8	7.3
NNE	.1	.3	1.0	.1								1.6	7.5
NE	.2	.4	.1									1.4	3.6
ENE	.6	.1	.3									1.0	4.1
E	.4	.7	1.0	1.1								3.2	8.6
ESE	.7	1.3	2.1	1.4	.3							5.8	8.4
SE	1.8	1.4	3.8	2.3								9.3	7.9
SSE	1.3	2.4	2.8	.8								7.3	6.6
S	1.7	3.1	3.2	.4								8.5	6.2
SSW	2.3	1.7	.6									5.1	3.5
SW	1.0	1.6		.1								2.7	4.2
WSW	1.6	2.1	.8	.1	.1							4.8	5.5
W	3.1	4.0	3.5	.3	.3	.1						11.3	6.0
WNW	2.1	2.3	3.1	3.5	.7	.4	.4					12.6	10.1
NW	1.0	.7	2.4	2.4	.3							6.8	9.5
NNW	.6	.7	1.4	2.3								4.9	9.3
VARBL													
CALM												7.9	
	20.6	24.3	29.5	16.0	1.7	.6	.4					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 708

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTHS NOV
CLASS ALL WEATHER 1800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	.7	1.3	.1							3.2	9.5
NNE			.7	.4								1.1	9.9
NE	.1	.9	.4									1.4	5.4
ENE	.3	.1	.1									.6	4.3
E	.7	.7	.9	.9								5.2	7.5
ESE	.6	1.1	1.7	1.6	.1							5.2	6.8
SE	1.3	1.7	2.0	2.4	.1							7.6	8.3
SSE	1.9	3.3	3.9	1.6								10.3	7.3
S	3.3	5.6	8.0	.9								17.8	6.3
SSW	3.3	4.4	2.0	.1								9.9	4.7
SW	2.3	1.4	.3	.3								4.3	4.1
WSW	2.3	1.0	.6									3.6	4.2
W	2.0	2.6	2.0	.7	.1	.1						7.6	6.5
WNW	.7	1.3	1.9	2.7	.6							7.2	9.9
NW	.3	2.2	1.9	.4	.1	.1						5.3	7.6
NNW	.7	1.3	.7	1.4								4.2	7.6
VARBL													
CALM												7.9	
	19.8	28.1	27.8	14.8	1.3	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 697

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2 142
STATION

EDMONTON IAP CN

STATION NAME

73-80

YEARS

NOV

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.4	.4								1.3	7.2
NNE	.3		.1	.4								.3	8.7
NE	.3	.6	.4									1.3	5.8
ENE	.1	.6	.3									1.0	5.0
E	.6	.8	1.4	.1								3.0	6.8
ESE	.6	.7	1.3	2.0								4.5	9.4
SE	.7	1.6	2.5	1.8								6.7	8.2
SSE	.8	2.7	2.8	1.3								7.6	7.4
S	3.4	8.4	11.5	.7								23.9	6.3
SSW	2.7	3.4	1.4									7.5	4.7
SW	3.3	2.1	.1									5.5	3.6
WSW	1.4	1.4	.8	.1								3.8	5.1
W	2.3	3.7	3.0	1.3	.1							10.3	5.7
WNW	1.6	2.1	3.0	1.0	.3	.1						8.1	7.6
NW	.6	1.6	.8	1.4								4.4	7.7
NNW	.6		1.0	.6	.3							2.4	9.2
VARBL													
CALM												7.2	
	10.7	30.0	31.0	11.2	.7	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

706

U.S. AIR FORCE CLIMATOLOGY BRANCH
 W. IAC
 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

142 ED MONTON IAP CN

72-80

NOV
 MONTH

ALL WEATHER

CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	1.1	1.1	.1							3.4	8.5
NNE	.4	.3	.6	.3								1.6	7.2
NE	.3	.4	.3	.0								1.1	5.4
ENE	.3	.3	.2	.0								.9	5.1
E	.7	.7	1.0	.6	.0							3.1	7.5
ESE	.5	1.1	1.3	1.0	.1							3.7	8.1
SE	.4	1.7	2.3	1.7	.7							6.8	8.7
SSE	1.6	2.5	2.7	1.9	.0							8.8	7.3
S	3.5	6.4	5.6	1.2	.0							16.9	6.1
SSW	2.7	2.9	1.0	.1								5.3	4.4
SW	2.2	1.6	.2	.1	.0							4.2	3.4
WSW	1.0	2.2	1.1	.1	.0							1.3	5.7
W	2.2	3.6	4.3	1.7	.2	.1						12.1	7.2
WNW	.9	1.9	2.7	2.6	.5	.2	.1					6.8	9.6
NW	.5	1.2	1.2	1.7	.3	.0						4.9	9.7
NNW	.5	.5	1.2	1.4	.1							3.6	9.1
VARBL													
CALM												5.1	
	12.8	24.0	27.1	15.3	1.6	.2	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

5611

U.S. CLIMATOLOGY BRANCH
AFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2142 STATION NAME LEMONTON IAP ON YEARS 73-80 MONTH DEC
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3	1.4	.4								2.5	7.7
NNE	.6	.4	.7	.3								1.9	6.4
NE	.3	1.3	.9									2.4	5.4
ENE		.7	.4									1.1	6.3
E	.4	1.0	1.0	1.0								3.3	7.7
ESE	.6	1.4	1.7	.6	.1							4.3	7.6
SE	1.1	1.5	2.8	2.8	.3							6.5	6.8
SSE	1.5	2.6	3.3	1.5	.4							9.5	7.8
S	4.0	6.1	7.5	.7								15.4	6.1
SSW	3.5	2.8	1.0									7.2	4.0
SW	1.2	3.1	.4	.3								3.6	4.4
WSW	1.3	1.5	.7	.3								3.3	5.6
W	1.1	2.2	3.2	1.3	.1							8.6	7.2
WNW	.4	1.3	2.1	1.3	.4	.3						5.7	9.3
NW	.3	1.8	1.5	.6	.3							3.0	7.2
NNW	.6	1.5	1.4	.8	.6							4.9	6.3
VARBL													
CALM												7.4	
	13.4	30.2	29.9	11.7	2.2	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 719

ALBUQUERQUE-REANCH
STAD
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 EDMONTON IAP CN 73-80 DEC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.7	1.7	1.2								4.6	7.9
NNE	.8	.4	.6	.3								2.1	5.7
NE	.5	.3	.3									.3	3.0
ENE	.4	.7	.6									1.7	5.7
E	1.0	.8	1.0	.7								3.5	6.9
ESE	.7	1.1	1.5	1.5	.6							5.4	9.1
SE	1.0	1.5	2.4	2.6	.1							7.6	6.6
SSE	1.0	2.2	4.0	1.9	.3							10.3	7.7
S	4.6	6.1	7.6	1.0								19.3	6.2
SSW	2.5	3.7	.1	.1								6.5	4.2
SW	1.5	1.2		.1								2.9	3.6
WSW	1.1	1.4	.4	.3								3.2	5.2
W	2.2	1.7	4.4	1.0								9.3	6.7
WNW	.2	1.4	1.5	2.4	.6	.3	.1					7.1	10.6
NW	.5	1.0	.4	1.0	.7	.4						4.3	10.6
NNW	.7	1.0	.6	1.2								3.5	7.5
VARBL													
CALM												5.0	
	21.2	25.2	27.0	15.4	2.2	.7	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 721

U.S. AIR FORCE
 CLIMATE BRANCH
 AFMTC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTH DEC
 CLASS ALL WEATHER HOURS 1600-0600
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.4	.7	.1	.1						4.0	5.2
NNE	.6	.1	.3									1.0	4.6
NE	.2	.7	.4	.1								1.7	5.0
ENE	.7	.5	.8									2.4	5.2
E	.3	.6	1.4	.7								2.9	8.1
ESE	.0	1.4	.7	1.1	.4							4.4	8.8
SE	.7	2.8	2.6	.6	.6	.1						7.3	8.3
SSE	1.0	2.1	3.7	2.4	.3							10.4	8.0
S	3.5	7.3	5.6	1.4								18.8	8.3
SSW	2.5	2.6	1.0									6.1	4.4
SW	2.2	1.4	.6	.1								4.3	4.4
WSW	.5	1.7	.8	.4	.1							3.9	6.2
W	1.1	1.3	5.0	1.4	.1							9.4	7.9
WNW	1.8	1.4	1.2	1.0	.6	.3	.1					5.5	9.9
NW	.6	1.5	.8	.7	1.0	.4	.1	.1				5.3	12.0
NNW	.2	.8	1.4	.5	.1							4.0	7.8
VARBL													
CALM												5.7	
	10.1	27.4	28.8	11.3	3.3	1.0	.3	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 723

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-2 COMONTON IAP CN STATION NAME 73-80 YEARS DLG
MONTHS 0900-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	1.0	.6	.1							3.3	7.5
NNE	.1	.1	.3	.4	.3							1.2	11.3
NE		.3	.3	.1								.7	9.2
ENE	.3	.3	.1									.7	4.4
E	.3	1.2	1.5	.7								4.3	7.1
ESE	.6	1.5	1.8	1.4	.1							5.4	8.5
SE	1.2	1.8	2.1	1.1		.4						6.6	8.1
SSE	1.2	3.2	2.5	2.8								9.7	7.9
S	7.2	6.6	5.4	1.5								16.8	6.3
SSW	3.5	2.5	2.2									8.2	4.6
SW	2.6	2.6	.4									5.7	4.5
WSW	1.1	1.8	1.5	.6								5.0	6.4
W	2.1	2.2	4.3	1.7	.4							10.7	7.6
WNW	.6	1.9	1.0	1.4	.7	.3	.1					6.0	10.2
NW	.6	.7	.7	1.2	1.2	.1	.1					4.7	12.0
NNW	.7	1.1	1.0	.1	.1							3.0	6.3
VARBL													
CALM												3.0	
	19.1	29.1	26.0	13.6	3.0	.8	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 722

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 EDMONTON IAP CW STATION NAME 73-80 YEARS DEC MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	.8	1.1	.1	.1						1.3	6.1
NNE	.7	.4	.1									1.3	4.0
NE	.1	.6	.6									1.3	6.8
ENE	.7	.6										1.3	3.6
E	.3	1.1	1.7	.8	.1							3.9	8.0
ESE	.1	1.3	1.7	1.4	.1							4.6	9.1
SE	.2	1.7	2.5	2.1	.3							6.9	9.1
SSE	.2	2.2	3.5	2.4	.1							9.1	5.5
S	2.4	5.3	4.8	1.3								13.7	6.3
SSW	1.7	2.2	.4									4.3	4.2
SW	1.6	2.1	.9	.1								4.8	4.6
WSW	1.8	2.1	1.7	.3	.1							6.0	5.4
W	2.1	2.5	3.8	2.0	.1							10.5	7.2
WNW	1.0	.7	2.1	3.1	.8	.7						6.4	11.1
NW	.4	.6	1.5	1.5	1.4		.3					5.7	12.4
NNW	.6	1.3	.7	.3								2.3	5.5
VARBL													
CALM												16.2	
	15.4	26.8	26.8	16.4	3.4	.8	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 714

U.S. AIR FORCE
 AFMPC
 METEOROLOGICAL BRANCH
 AFMPC
 METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 142 STATION NAME WINDTOWN IAP ON YEARS 73-83 DEC 1502-1700
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	1.3	1.6	.1							4.7	8.5
NNE	.4	.3	.3	.1								1.1	5.4
NE	.3	1.1	.4									1.8	5.7
ENE	.5	.5	.4	.1								1.6	5.8
E	.9	1.1	1.5	.7	.1							4.3	7.2
ESE	.3	1.1	2.7	1.5								5.6	8.5
SE	.5	1.6	2.7	1.5	.4	.1						7.0	9.2
SSE	.6	2.2	3.8	1.9	.3							9.1	6.1
S	3.2	6.6	5.9	.3								15.9	5.4
SSW	2.3	3.3	.4	.1								6.2	4.5
SW	2.7	1.9	.1									4.8	3.6
WSW	1.0	1.2	.8		.1							3.2	5.5
W	1.0	2.2	2.2	.8								7.0	6.1
WNW	.5	1.8	2.2	3.3	.7	.4						8.9	10.9
NW	.7	.7	1.6	3.4	.7	.3						7.4	11.7
NNW	.4	1.4	1.4	.3	.3							3.7	7.8
VARBL													
CALM												7.8	
	17.6	27.7	27.6	15.8	2.7	.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 729

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2142 EDMONTON IAP CN 73-80 DEC
STATION STATION NAME YEARS MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	1.0	1.9	.1	.1						0.7	9.7
NNE	.1	.6	.1									.8	5.0
NE		.1	.1	.6								.8	10.7
ENE	.1	.4	.7	.3								1.5	7.5
E	.3	1.7	.6	.8								2.6	7.3
ESE	.4	1.4	2.5	1.8	.3							6.4	8.8
SE	.4	1.2	1.9	1.9	.6	.3						6.4	10.1
SSE	1.4	2.6	3.7	1.7								9.4	7.3
S	2.8	8.6	7.3	.8								19.5	6.2
SSW	3.3	3.3	1.4	.1								3.2	4.3
SW	1.7	2.6	.3									4.6	4.2
WSW	.6	1.7	.7	.8								3.7	7.1
W	1.5	2.5	2.2	.8								7.1	6.4
WNW	.4	1.2	1.8	1.5	1.1	.4						6.5	11.4
NW	.6	1.2	1.2	2.5	.3							5.8	9.9
NNW	.6	.8	2.4	.3	.1							4.1	7.5
VARBL													
CALM												7.6	
	14.9	30.3	27.9	15.9	2.5	.8						100.3	6.9

TOTAL NUMBER OF OBSERVATIONS 723

LOCAL CLIMATOLOGY BRANCH
USAFETAC
FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 142 STATION NAME EDMONTON IAP CN YEARS 73-80 MONTHS 01
 CLASS ALL WEATHER
 CONDITION 100-2300
 SOURCE (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.9	1.0	.1	.1						4.4	3.2
NNE	.1	1.1	.7	.6	.1							3.5	3.7
NE	.1	.3	.3									.7	5.3
ENE	.3	.3	.1	.1								.1	5.7
E	.3	.6	.7	1.1								2.6	8.4
ESE	1.7	1.0	1.8	1.2								5.3	7.5
SE	.7	1.9	3.6	1.1	.3	.8						8.4	9.5
SSE	.6	2.8	3.7	1.4	.1							5.5	7.7
S	4.4	5.8	8.7	1.0								19.6	6.3
SSW	2.5	2.6	.8									5.9	4.5
SW	2.3	1.7	.8	.1								5.2	4.3
WSW	1.4	1.4	1.8	.7								5.2	6.5
W	1.4	2.3	4.0	1.1	.1							8.9	7.4
WNW	.8	2.5	1.8	1.4	.4	.4						7.3	9.1
NW	.7	1.1	1.1	1.7	.3							4.5	9.2
NNW	.6	.7	.7	.6		.1						2.6	8.2
VARBL													
CALM												7.2	
	17.5	27.0	32.5	12.9	1.5	1.5						100.1	6.5

TOTAL NUMBER OF OBSERVATIONS 727

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0142 EDMONTON IAP CN YEARS 73-80
STATION NAME CLASS ALL WEATHER
CONDITION

DEC
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	1.3	1.1	.1	.1						4.2	5.4
NNE	.4	.4	.4	.2	.1							1.5	6.7
NE	.2	.5	.4	.1								1.3	6.1
ENE	.4	.5	.4	.1								1.4	5.6
E	.5	.7	1.2	.8	.7							3.4	7.7
ESE	.6	1.3	1.8	1.3	.2							5.1	8.7
SE	.7	1.8	2.6	1.7	.3	.2						7.3	9.7
SSE	1.3	2.5	3.5	2.0	.2							9.5	7.9
S	3.5	6.6	6.7	1.0								17.8	5.2
SSW	2.7	2.9	.9	.1								6.6	4.3
SW	2.1	2.1	.4	.1								4.7	4.2
WSW	1.1	1.6	1.1	.4	.1							4.2	5.1
W	1.7	2.3	3.6	1.2	.1							8.9	7.1
WNW	.7	1.5	1.7	1.9	.7	.4	.1					5.9	10.4
NW	.6	1.1	1.1	1.6	.7	.2	.1	.0				5.4	10.7
NNW	.6	1.1	1.2	.6	.2	.0						3.6	7.5
VARBL													
CALM												9.1	
	17.9	28.0	28.3	14.1	2.6	.8	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5776

U.S. AIR FORCE CLIMATOLOGY BRANCH
 U.S. AIR FORCE TAC
 U.S. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2112 EDMONTON IAP CN STATION NAME 73-81 YEARS ALL
 MONTH ALL
 CLASS ALL
 HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.4	1.4	.9	.1	.0	.0	.0				4.8	7.6
NNE	.7	.7	.5	.2	.0	.0						2.2	6.0
NE	.5	.7	.5	.2	.0							1.8	6.0
ENE	.4	.6	.5	.1	.0							1.6	6.1
E	.7	1.1	1.1	.5	.1	.0	.0					3.4	7.0
ESE	.6	1.5	1.8	1.3	.2	.0						5.6	8.1
SE	1.0	2.1	2.7	2.1	.3	.0						8.2	8.6
SSE	1.3	2.1	2.7	1.6	.2	.0	.0					8.0	7.7
S	3.1	5.2	4.0	.9	.1	.0						13.3	6.0
SSW	2.4	2.1	.6	.1								5.3	4.2
SW	1.0	1.3	.3	.1	.0							3.6	4.0
WSW	1.5	1.7	.9	.3	.1	.0	.0					4.4	5.3
W	2.2	3.3	3.2	1.3	.2	.1	.0					10.3	6.9
WNW	1.2	1.0	2.5	2.1	.5	.2	.0	.0				8.4	9.0
NW	.9	1.5	1.8	1.9	.5	.1	.0	.0				6.8	9.3
NNW	.8	1.3	1.5	1.2	.2	.0	.0	.0				5.1	8.3
VARBL													
CALM												7.0	
	20.2	28.5	26.1	14.9	2.6	.5	.1	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 67977

U.S. AIR FORCE
 CLIMATE BRANCH
 AFM 7-10.1 (1-64)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 1492 EDWARDS IAP ON STATION NAME: 73-61 YEARS: ALL MONTH: ALL
 INSTRUMENT: CLASS: ALL HOURS (L.S.T.): ALL
 CONDITION: CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	3.3	2.5	.6	.2	.0	.0				10.3	9.1
NNE	1.1	1.6	1.7	.9	.2	.7						5.5	7.3
NE	.7	1.7	1.8	.6	.0							4.9	6.9
ENE	.6	1.3	1.4	.5	.1							4.3	7.2
E	.9	1.1	2.6	1.8	.2	.0						6.6	8.8
ESE	.7	1.4	2.6	3.0	.5	.1						8.3	9.9
SE	.3	1.2	2.2	3.2	.4	.0						7.9	12.0
SSE	.6	1.2	1.6	1.5	.1							4.4	8.5
S	.9	1.3	1.3	.4								3.6	6.3
SSW	.7	.3	.1	.0								1.2	4.0
SW	.0	.2	.1	.0								.6	3.7
WSW	.7	.4	.1	.1	.1							1.4	5.2
W	1.3	1.2	1.2	1.2	.2	.1						5.3	8.1
WNW	.9	1.5	2.3	1.7	.6	.2	.0					7.2	9.4
NW	.9	1.8	2.8	2.9	.8	.2	.0					9.4	9.9
NNW	1.2	2.3	3.7	3.6	.9	.1						14.0	9.6
VARBL													
CALM												6.4	
	13.9	21.0	28.6	24.4	4.8	.8	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5799

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq 5/16$	$\geq \frac{1}{4}$	≥ 0
NO CEILING																
1800	IV															
1500	IV					91.0										92.6
1200	IV															
1000	IV															
900	IV															
800	IV															
700	IV															
600	IV															
500	IV															
400	IV									97.4						98.1
300	IV															
200	IV															
100	IV															
0	IV					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

2
FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	47.3	48.3	48.8	49.4	49.5	49.5	49.7	49.9	49.9	50.1	50.2	50.2	50.3	50.3	50.3	50.5
≥ 20000	50.1	51.2	51.7	52.4	52.6	52.8	53.0	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.7	53.9
≥ 18000	50.1	51.2	51.7	52.4	52.6	52.8	53.0	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.8	53.9
≥ 16000	50.2	51.3	51.9	52.6	52.7	53.0	53.1	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.9	54.1
≥ 14000	50.5	51.6	52.3	53.0	53.1	53.4	53.5	53.8	53.8	53.9	54.1	54.1	54.2	54.2	54.4	54.5
≥ 12000	51.5	52.6	53.4	54.4	54.5	54.8	54.9	55.2	55.2	55.3	55.5	55.5	55.6	55.6	55.7	55.9
≥ 10000	54.6	55.9	56.7	57.7	57.8	58.1	58.2	58.5	58.5	58.6	58.8	58.8	58.9	58.9	59.1	59.2
≥ 9500	56.8	58.2	59.1	60.2	60.3	60.6	61.7	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.8	62.0
≥ 8000	58.5	60.0	61.1	62.2	62.4	62.9	63.3	63.6	63.6	63.8	63.9	63.9	64.0	64.0	64.2	64.3
≥ 7000	61.1	62.8	63.9	65.0	65.1	65.7	66.1	66.4	66.4	66.5	66.7	66.7	66.8	66.8	66.9	67.1
≥ 6000	62.5	64.3	65.4	66.5	66.7	67.2	67.6	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.5	68.6
≥ 5000	65.3	67.2	68.3	69.7	69.8	70.4	70.8	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.6	71.8
≥ 4500	66.9	68.9	70.0	71.4	71.5	72.1	72.5	72.8	72.8	72.9	73.0	73.0	73.2	73.2	73.3	73.4
≥ 4000	68.2	70.3	71.4	72.9	73.0	73.6	74.0	74.3	74.3	74.4	74.6	74.6	74.7	74.7	74.8	75.0
≥ 3500	69.8	72.5	73.6	75.2	75.4	76.1	76.5	76.8	76.8	76.9	77.0	77.0	77.2	77.2	77.3	77.5
≥ 3000	70.8	74.1	75.2	77.3	77.9	78.7	79.3	79.5	79.5	79.7	79.8	79.8	79.9	79.9	80.1	80.2
≥ 2500	72.1	76.1	77.2	79.8	80.6	81.9	82.4	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.7	83.9
≥ 2000	73.9	78.4	79.8	83.0	84.0	85.5	86.6	87.4	87.4	87.6	87.7	87.7	87.8	87.8	88.0	88.1
≥ 1800	74.1	78.7	80.1	83.4	84.4	85.9	87.0	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.4	88.5
≥ 1500	75.1	79.9	81.6	85.1	86.3	87.8	88.9	89.8	89.9	90.0	90.2	90.2	90.3	90.3	90.5	90.6
≥ 1200	77.0	82.2	83.8	87.4	88.8	90.3	91.4	92.7	92.8	92.9	93.1	93.1	93.2	93.2	93.4	93.5
≥ 1000	77.5	83.0	84.8	88.4	90.0	91.6	92.7	93.9	94.2	94.6	94.7	94.7	94.9	94.9	95.0	95.2
≥ 900	77.9	83.4	85.2	88.8	90.5	92.0	93.1	94.3	94.6	95.2	95.4	95.4	95.6	95.6	95.7	95.9
≥ 800	78.0	83.5	85.3	88.9	90.6	92.1	93.2	94.6	94.9	95.6	95.9	95.9	96.0	96.0	96.1	96.3
≥ 700	78.4	84.0	85.8	89.3	91.1	92.7	93.8	95.2	95.6	96.4	96.7	96.7	96.8	96.8	97.0	97.1
≥ 600	78.6	84.2	86.0	89.6	91.4	92.9	94.1	95.4	95.9	96.8	97.1	97.1	97.2	97.2	97.4	97.5
≥ 500	78.7	84.4	86.2	90.0	91.8	93.4	94.5	95.9	96.3	97.2	97.9	97.9	98.1	98.1	98.2	98.3
≥ 400	78.7	84.4	86.2	90.0	92.0	93.5	94.6	96.1	96.5	97.5	98.3	98.3	98.5	98.5	98.6	98.8
≥ 300	78.7	84.4	86.2	90.2	92.1	93.6	94.7	96.3	96.7	97.6	98.5	98.5	98.6	98.6	98.8	98.9
≥ 200	78.7	84.4	86.2	90.3	92.4	94.1	95.2	96.8	97.2	98.2	99.0	99.0	99.2	99.3	99.4	99.6
≥ 100	78.7	84.4	86.2	90.3	92.4	94.1	95.2	97.1	97.5	98.6	99.4	99.4	99.6	99.7	99.9	100.0
≥ 0	78.7	84.4	86.2	90.3	92.4	94.1	95.2	97.1	97.5	98.6	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 727

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	45.6	47.5	47.8	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.8	48.8
≥ 20000	48.4	50.4	50.7	50.8	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.6	51.8
≥ 18000	48.4	50.4	50.7	50.8	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.6	51.8
≥ 16000	48.9	50.8	51.1	51.2	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8	52.1	52.2
≥ 14000	49.5	51.5	51.8	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.7	52.9
≥ 12000	50.7	52.9	53.2	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.2	54.4
≥ 10000	54.0	57.3	57.5	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.6	58.8
≥ 9000	57.7	59.6	59.9	60.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	61.0	61.1
≥ 8000	59.2	61.9	62.2	62.5	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.6	63.7
≥ 7000	61.0	63.8	64.1	64.4	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.5	65.6
≥ 6000	62.5	65.3	65.6	65.9	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	67.0	67.1
≥ 5000	65.8	69.0	69.3	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.7	70.8
≥ 4500	67.1	70.4	70.7	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	72.1	72.2
≥ 4000	69.0	72.3	72.6	72.9	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.2	74.4
≥ 3500	70.4	74.1	74.4	74.7	75.5	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.3	76.4
≥ 3000	71.3	76.2	76.6	77.5	78.6	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.6	79.7
≥ 2500	73.7	77.8	78.6	79.6	80.8	80.8	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.8	82.1	82.2
≥ 2000	74.4	79.5	80.4	81.9	83.6	83.6	84.2	84.7	84.7	84.7	84.7	84.8	84.8	85.1	85.3	85.5
≥ 1800	74.5	80.0	81.0	82.5	84.2	84.2	84.9	85.5	85.5	85.5	85.5	85.6	85.6	85.9	86.2	86.3
≥ 1500	76.3	82.3	83.4	84.9	86.7	86.7	87.5	88.5	88.6	88.6	88.6	88.8	88.8	89.0	89.3	89.5
≥ 1200	77.5	83.8	84.9	86.6	88.6	88.6	89.9	90.8	91.1	91.1	91.2	91.2	91.2	91.5	91.8	91.9
≥ 1000	77.7	84.1	85.2	86.8	88.9	88.9	90.1	91.5	91.8	92.5	92.6	92.6	92.6	92.9	93.2	93.3
≥ 900	78.4	84.8	85.9	87.5	89.6	89.6	91.0	92.3	92.9	93.6	93.7	93.7	93.7	94.0	94.2	94.4
≥ 800	78.4	84.8	85.9	87.5	89.6	89.6	91.0	92.3	92.9	93.6	93.7	93.7	93.7	94.0	94.2	94.4
≥ 700	78.9	85.3	86.4	88.4	90.5	90.5	91.9	93.4	94.0	94.7	94.8	94.8	94.8	95.1	95.3	95.5
≥ 600	79.5	86.0	87.1	89.2	91.5	91.5	92.9	94.4	94.9	95.6	95.8	95.8	95.8	96.0	96.3	96.4
≥ 500	79.7	86.4	87.7	89.7	92.2	92.2	93.6	95.2	95.8	96.4	96.6	96.6	96.6	96.8	97.1	97.3
≥ 400	79.7	86.4	87.7	89.7	92.2	92.2	93.6	95.2	95.8	96.4	96.6	96.6	96.6	96.8	97.1	97.3
≥ 300	79.7	86.8	88.4	90.5	93.4	93.4	94.8	96.4	97.0	97.7	97.8	97.8	97.8	98.1	98.4	98.5
≥ 200	79.7	86.8	88.5	90.7	93.7	93.7	95.1	96.8	97.4	98.1	98.2	98.2	98.2	98.5	99.0	99.2
≥ 100	79.7	86.8	88.5	90.7	93.7	93.7	95.1	96.8	97.4	98.2	98.4	98.4	98.4	98.6	99.2	99.3
≥ 0	79.7	86.8	88.5	90.7	93.7	93.7	95.1	96.8	97.4	98.2	98.4	98.4	98.4	98.6	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142
 STATION

EDMONTON IAP CN
 STATION NAME

74-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	41.4	43.5	44.1	44.8	45.0	45.3	45.2	45.3	45.3	45.7	46.0	46.2	46.3	46.3	46.3	46.3
≥ 20000	44.3	47.0	47.6	48.5	48.8	49.3	49.1	49.2	49.2	49.7	49.9	50.1	50.2	50.2	50.2	50.2
≥ 18000	45.0	47.1	47.7	48.7	49.0	49.1	49.2	49.4	49.4	49.8	50.1	50.2	50.3	50.3	50.3	50.3
≥ 16000	45.2	47.3	47.8	48.8	49.1	49.2	49.4	49.5	49.5	49.9	50.2	50.3	50.5	50.5	50.5	50.5
≥ 14000	45.6	47.7	48.3	49.2	49.5	49.7	49.8	49.9	49.9	50.3	50.6	50.8	50.9	50.9	50.9	50.9
≥ 12000	47.7	49.8	50.3	51.3	51.6	51.7	51.9	52.0	52.0	52.4	52.7	52.9	53.0	53.0	53.0	53.0
≥ 10000	49.5	51.6	52.2	53.1	53.4	53.6	53.7	53.8	53.8	54.3	54.5	54.7	54.8	54.8	54.8	54.8
≥ 9000	51.3	53.4	54.0	55.0	55.2	55.4	55.5	55.7	55.7	56.1	56.4	56.5	56.6	56.6	56.6	56.6
≥ 8000	54.1	56.4	56.9	57.9	58.2	58.3	58.5	58.6	58.6	59.0	59.3	59.4	59.6	59.6	59.6	59.6
≥ 7000	56.6	59.3	59.9	60.8	61.1	61.3	61.4	61.5	61.5	62.0	62.2	62.4	62.5	62.5	62.5	62.5
≥ 6000	57.3	60.3	60.8	61.8	62.1	62.2	62.4	62.5	62.5	62.9	63.2	63.4	63.5	63.5	63.5	63.5
≥ 5000	60.0	63.1	63.8	64.8	65.0	65.2	65.3	65.5	65.5	65.9	66.2	66.3	66.4	66.4	66.4	66.4
≥ 4500	61.4	64.8	65.5	66.4	66.7	66.9	67.0	67.1	67.1	67.6	67.8	68.0	68.1	68.1	68.1	68.1
≥ 4000	64.1	67.4	68.3	69.2	69.5	69.7	69.8	69.9	69.9	70.3	70.6	70.8	70.9	70.9	70.9	70.9
≥ 3500	65.6	69.1	69.9	71.2	71.6	71.7	71.9	72.0	72.0	72.4	72.7	72.9	73.0	73.0	73.0	73.0
≥ 3000	67.7	71.3	72.4	74.0	74.7	75.1	75.4	75.7	75.8	76.2	76.5	76.6	76.8	76.8	76.8	76.8
≥ 2500	69.5	73.4	74.8	76.6	77.5	78.2	78.5	78.7	78.9	79.3	79.6	79.7	79.9	79.9	79.9	79.9
≥ 2000	70.9	74.8	76.2	78.0	79.0	79.9	81.0	81.4	81.5	82.1	82.4	82.5	82.7	82.7	82.7	82.7
≥ 1800	71.9	76.2	77.6	79.6	80.8	81.7	82.8	83.2	83.4	83.9	84.2	84.3	84.5	84.5	84.5	84.5
≥ 1500	72.7	77.3	78.7	80.7	82.1	82.9	84.1	84.5	84.6	85.3	85.6	85.7	85.9	85.9	85.9	85.9
≥ 1200	74.4	79.3	81.0	83.1	84.5	85.3	87.0	87.6	87.8	88.5	89.0	89.1	89.2	89.2	89.2	89.2
≥ 1000	75.4	80.6	82.2	84.3	85.7	86.6	88.4	89.4	89.9	90.8	91.2	91.3	91.5	91.5	91.5	91.5
≥ 900	75.8	81.4	83.1	85.2	86.6	87.4	89.4	90.3	90.9	91.9	92.3	92.4	92.6	92.6	92.6	92.6
≥ 800	76.2	81.8	83.6	85.7	87.3	88.1	90.2	91.2	92.0	93.0	93.4	93.6	93.7	93.7	93.7	93.7
≥ 700	76.8	82.4	84.2	86.4	88.1	89.0	91.0	92.0	92.9	94.0	94.4	94.5	94.7	94.7	94.7	94.7
≥ 600	77.2	82.8	84.6	87.0	88.7	89.5	91.6	92.6	93.4	94.5	95.0	95.1	95.2	95.2	95.2	95.2
≥ 500	77.9	83.6	85.5	87.8	89.5	90.5	92.9	94.0	94.8	95.9	96.4	96.5	96.8	96.8	96.8	96.8
≥ 400	78.2	84.1	85.9	88.4	90.1	91.0	93.4	94.5	95.4	96.5	96.9	97.1	97.5	97.5	97.5	97.5
≥ 300	78.3	84.3	86.2	88.7	90.3	91.3	93.7	95.0	95.8	96.9	97.5	97.6	98.2	98.2	98.2	98.2
≥ 200	78.3	84.3	86.3	88.8	90.5	91.5	93.8	95.2	96.1	97.2	97.9	98.0	98.6	98.6	98.9	98.9
≥ 100	78.3	84.3	86.3	88.8	90.5	91.5	93.8	95.2	96.4	97.6	98.5	98.6	99.2	99.3	99.6	99.9
≥ 0	78.3	84.3	86.3	88.8	90.5	91.5	93.8	95.2	96.4	97.6	98.5	98.6	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.2	42.5	43.1	43.1	43.5	43.7	43.8	43.8	43.8	44.1	44.1	44.1	44.2	44.4	44.6	44.6
≥ 20000	44.5	47.3	47.8	48.1	48.7	48.8	49.1	49.4	49.4	49.7	49.7	49.7	49.8	49.9	50.2	50.2
≥ 18000	44.6	47.4	48.0	48.3	48.8	49.1	49.2	49.5	49.5	49.8	49.8	49.8	49.9	50.1	50.3	50.3
≥ 16000	44.6	47.4	48.0	48.3	48.8	49.1	49.2	49.5	49.5	49.8	49.8	49.8	49.9	50.1	50.3	50.3
≥ 14000	45.7	48.8	49.4	49.7	50.2	50.3	50.6	50.9	50.9	51.2	51.2	51.2	51.3	51.5	51.7	51.7
≥ 12000	49.5	52.4	53.1	53.7	54.3	54.5	55.0	55.2	55.2	55.5	55.5	55.5	55.6	55.8	56.1	56.1
≥ 10000	53.3	56.2	56.9	57.7	58.4	58.7	59.3	59.6	59.6	59.8	59.8	59.8	60.0	60.1	60.4	60.4
≥ 9000	55.5	58.6	59.3	60.5	61.2	61.6	62.3	62.8	62.8	63.0	63.0	63.0	63.2	63.3	63.6	63.6
≥ 8000	57.5	60.7	61.4	62.9	63.6	64.0	64.7	65.1	65.1	65.6	65.6	65.6	65.7	65.8	66.1	66.1
≥ 7000	58.9	62.2	63.1	64.7	65.6	66.0	66.7	67.1	67.1	67.6	67.6	67.6	67.8	67.9	68.2	68.2
≥ 6000	59.3	62.6	63.5	65.1	66.0	66.4	67.1	67.5	67.5	68.1	68.1	68.1	68.2	68.3	68.6	68.6
≥ 5000	61.9	65.3	66.2	68.1	69.0	69.5	70.4	70.9	70.9	71.7	71.7	71.7	71.8	72.1	72.2	72.3
≥ 4500	63.9	67.2	68.2	70.0	71.0	71.4	72.7	73.1	73.1	73.9	73.9	73.9	74.1	74.2	74.5	74.5
≥ 4000	64.4	67.9	69.2	71.1	72.2	72.8	74.1	74.8	74.8	75.6	75.6	75.6	75.7	75.9	76.2	76.2
≥ 3500	64.9	68.5	69.7	71.8	73.1	73.6	74.9	75.7	75.9	76.7	76.7	76.7	76.8	77.0	77.3	77.3
≥ 3000	65.3	69.0	70.3	72.7	73.9	74.6	76.0	77.7	77.8	78.7	78.7	78.7	78.8	78.9	79.2	79.2
≥ 2500	66.5	70.7	72.1	74.5	75.7	76.4	78.0	80.9	81.0	81.9	81.9	81.9	82.0	82.1	82.4	82.4
≥ 2000	67.9	72.4	74.5	77.1	78.7	79.5	81.2	84.4	84.5	85.8	85.8	85.8	85.9	86.1	86.3	86.3
≥ 1800	68.2	72.9	75.1	77.7	79.5	80.5	82.3	85.5	85.6	86.9	86.9	86.9	87.0	87.2	87.4	87.4
≥ 1500	69.3	74.1	76.2	78.8	80.6	81.7	83.8	87.7	88.0	89.4	89.4	89.4	89.5	89.7	90.0	90.0
≥ 1200	69.7	74.5	76.6	79.4	81.2	82.6	84.7	88.8	89.3	90.8	90.8	90.8	90.9	91.1	91.2	91.5
≥ 1000	70.3	75.2	77.3	80.1	81.9	83.7	85.8	90.1	90.5	92.3	92.3	92.3	92.7	92.9	93.2	93.5
≥ 900	70.7	75.6	77.7	80.6	82.8	84.7	86.8	91.1	91.5	93.6	94.0	94.1	94.4	94.6	94.8	94.8
≥ 800	71.1	76.2	78.2	81.2	83.5	85.4	87.4	91.8	92.2	94.3	94.8	95.0	95.3	95.4	95.7	95.7
≥ 700	71.1	76.3	78.4	81.3	83.7	85.6	87.7	92.2	92.6	94.8	95.4	95.5	95.8	96.0	96.2	96.2
≥ 600	71.3	76.4	78.5	81.5	83.8	85.8	87.9	92.3	92.7	95.0	95.7	95.8	96.1	96.2	96.5	96.5
≥ 500	71.3	76.4	78.5	81.5	84.1	86.1	88.3	92.7	93.2	95.5	96.4	96.5	96.9	97.1	97.4	97.4
≥ 400	71.3	76.6	78.9	81.9	84.9	87.0	89.4	93.9	94.3	96.7	97.5	97.6	98.0	98.2	98.5	98.5
≥ 300	71.3	76.6	78.9	81.9	84.9	87.2	89.5	94.0	94.4	96.9	97.9	98.0	98.6	98.7	99.2	99.2
≥ 200	71.3	76.6	78.9	81.9	84.9	87.2	89.5	94.0	94.4	96.9	97.9	98.0	98.6	98.7	99.3	99.3
≥ 100	71.3	76.6	78.9	81.9	84.9	87.2	89.5	94.0	94.4	96.9	97.9	98.0	98.6	98.7	99.3	99.3
≥ 0	71.3	76.6	78.9	81.9	84.9	87.2	89.5	94.0	94.4	96.9	97.9	98.0	98.6	98.7	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 717

2

2

300.

MONTH

1200-1400
HOURS (L.S.T.)

1

1

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/4	≥ 0
NO CEILING	46.0	47.7	48.5	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	55.4	57.6	58.4	58.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	56.2	57.8	58.7	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	56.5	58.1	58.9	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000	57.2	59.9	60.7	61.3	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	61.4	63.2	64.0	64.6	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	65.5	67.3	68.1	68.7	69.9	70.3	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	67.2	69.4	70.3	71.0	72.5	72.9	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	68.3	70.2	71.2	72.0	73.9	74.5	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	69.2	71.6	72.7	73.5	75.5	76.2	77.2	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	69.4	71.7	72.8	73.6	75.7	76.4	77.3	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	70.9	73.2	74.5	75.3	77.3	78.2	79.4	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	71.7	74.0	75.3	76.1	78.2	79.3	80.2	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	72.1	74.6	75.8	76.8	78.8	79.9	81.3	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	73.1	75.7	76.9	77.9	79.9	81.0	82.4	83.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	73.8	76.5	77.7	78.7	81.0	82.4	83.8	84.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	74.9	77.9	79.1	80.1	82.6	83.9	85.4	86.0	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	75.4	78.8	80.1	81.3	83.9	85.6	87.4	88.5	88.7	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	76.0	79.4	80.6	82.0	84.6	86.4	88.2	89.3	89.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	76.6	80.8	82.0	83.4	86.0	87.8	89.8	91.9	92.4	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	77.1	81.5	83.0	84.3	87.6	89.4	91.6	93.8	94.4	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	77.6	82.3	83.8	85.2	88.5	90.2	92.4	94.6	95.3	96.3	96.6	96.7	96.7	96.7	96.8	96.8
≥ 900	77.6	82.3	83.8	85.2	88.5	90.2	92.4	94.6	95.3	96.3	96.6	96.7	96.7	96.7	96.8	96.8
≥ 800	77.7	82.4	83.9	85.3	88.6	90.4	92.6	94.8	95.5	96.6	96.8	97.0	97.1	97.1	97.3	97.3
≥ 700	77.9	82.6	84.2	85.6	88.9	90.7	92.9	95.1	95.7	96.8	97.1	97.3	97.4	97.4	97.5	97.5
≥ 600	77.9	82.6	84.2	85.6	89.0	90.8	93.0	95.2	95.9	97.1	97.4	97.5	97.7	97.7	97.8	97.8
≥ 500	77.9	83.0	84.6	86.0	89.4	91.2	93.4	95.6	96.3	97.5	97.8	97.9	98.1	98.1	98.2	98.2
≥ 400	77.9	83.0	84.6	86.3	89.8	91.6	93.8	96.2	96.8	98.1	98.4	98.5	98.6	98.6	98.8	98.8
≥ 300	77.9	83.0	84.6	86.3	90.2	92.0	94.2	96.7	97.4	98.6	99.0	99.2	99.3	99.3	99.5	99.5
≥ 200	77.9	83.0	84.6	86.3	90.4	92.2	94.4	97.0	97.7	98.9	99.3	99.5	99.6	99.6	99.7	99.7
≥ 100	77.9	83.0	84.6	86.3	90.4	92.2	94.4	97.0	97.7	98.9	99.3	99.5	99.6	99.6	99.7	99.7
≥ 0	77.9	83.0	84.6	86.3	90.4	92.2	94.4	97.0	97.7	98.9	99.5	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 725

2

2

JA².

MONTH

19 10-2000
HOURS (L.S.T.)

2

724

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	47.7	48.8	49.1	49.3	49.4	49.4	49.6	49.7	49.7	50.1	50.3	50.3	50.3	50.3	50.4	50.4
≥ 18000	51.7	53.0	53.3	53.6	53.7	53.7	53.9	54.0	54.0	54.4	54.6	54.6	54.6	54.6	54.7	54.7
≥ 16000	51.7	53.0	53.3	53.6	53.7	53.7	53.9	54.0	54.0	54.4	54.6	54.6	54.6	54.6	54.7	54.7
≥ 14000	52.3	53.7	54.1	54.3	54.4	54.4	54.6	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.4	55.4
≥ 12000	54.7	56.1	56.4	56.8	56.9	56.9	57.0	57.2	57.2	57.6	57.7	57.7	57.7	57.7	57.9	57.9
≥ 10000	56.4	57.9	58.1	58.6	59.3	59.3	59.4	59.5	59.5	59.9	60.1	60.1	60.1	60.1	60.2	60.2
≥ 9000	59.7	60.6	60.9	61.3	62.0	62.0	62.2	62.3	62.3	62.7	62.8	62.8	62.8	62.8	63.0	63.0
≥ 8000	62.9	64.9	65.2	65.6	66.6	66.6	66.7	66.9	66.9	67.3	67.4	67.4	67.4	67.4	67.5	67.5
≥ 7000	66.6	69.2	69.5	69.9	71.1	71.1	71.3	71.4	71.4	71.8	72.0	72.0	72.0	72.0	72.1	72.1
≥ 6000	68.2	70.9	71.1	71.5	72.8	72.8	72.9	73.1	73.1	73.5	73.6	73.6	73.6	73.6	73.8	73.8
≥ 5000	69.9	73.1	73.5	73.9	75.1	75.1	75.3	75.4	75.4	75.8	76.0	76.0	76.0	76.0	76.1	76.1
≥ 4500	70.3	73.6	74.2	74.6	75.8	75.8	76.0	76.1	76.1	76.5	76.7	76.7	76.7	76.7	76.8	76.8
≥ 4000	71.3	74.6	75.3	75.7	77.1	77.1	77.2	77.3	77.3	77.8	77.9	77.9	77.9	77.9	78.0	78.0
≥ 3500	72.9	76.2	77.2	77.6	79.0	79.1	79.4	79.6	79.6	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 3000	74.2	78.2	79.1	79.7	81.6	81.6	82.0	82.2	82.2	82.6	82.7	82.7	82.7	82.7	82.9	82.9
≥ 2500	75.7	80.2	81.2	81.8	83.7	83.8	84.1	84.3	84.3	84.8	84.9	84.9	84.9	84.9	85.1	85.1
≥ 2000	77.3	82.7	84.1	85.4	87.3	87.4	87.7	88.0	88.1	88.8	89.0	89.0	89.0	89.0	89.1	89.1
≥ 1800	77.6	83.1	84.4	85.8	87.7	87.8	88.1	88.4	88.5	89.2	89.4	89.4	89.4	89.4	89.5	89.5
≥ 1500	78.9	84.7	85.9	87.3	89.2	89.4	89.8	90.3	90.5	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1200	80.1	85.9	87.2	88.7	90.7	90.9	91.6	92.4	92.5	93.2	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1000	81.5	87.3	88.5	90.5	92.5	92.8	93.5	94.3	94.5	95.6	95.7	95.7	95.7	95.7	95.9	95.9
≥ 900	82.1	87.8	89.1	91.0	93.1	93.4	94.1	94.9	95.0	96.1	96.3	96.3	96.3	96.3	96.4	96.4
≥ 800	82.3	88.1	89.4	91.3	93.4	93.6	94.3	95.3	95.4	96.5	96.8	96.8	96.8	96.8	97.0	97.0
≥ 700	82.3	88.4	89.6	91.6	93.6	93.9	94.6	95.6	95.9	97.1	97.4	97.4	97.4	97.4	97.5	97.5
≥ 600	82.3	88.7	89.9	91.9	93.9	94.2	94.9	96.0	96.3	97.7	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	82.3	88.7	89.9	91.9	93.9	94.2	94.9	96.0	96.4	98.1	98.6	98.6	98.6	98.6	98.8	98.8
≥ 400	82.3	88.7	89.9	91.9	93.9	94.2	94.9	96.0	96.4	98.1	98.6	98.6	98.6	98.6	98.8	98.8
≥ 300	82.3	88.7	89.9	91.9	94.3	94.6	95.3	96.4	96.8	98.5	99.0	99.3	99.3	99.3	99.2	99.2
≥ 200	82.3	88.7	89.9	91.9	94.3	94.6	95.3	96.4	96.8	98.8	99.3	99.3	99.3	99.3	99.4	99.4
≥ 100	82.5	88.8	90.1	92.0	94.5	94.8	95.4	96.5	97.1	99.0	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	82.5	88.8	90.1	92.0	94.5	94.8	95.4	96.5	97.1	99.0	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 724

2
GENERAL CLIMATOLOGY BRANCH
MET STAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-61

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	45.1	46.7	47.2	47.5	47.8	47.9	48.0	48.2	48.2	48.4	48.4	48.5	48.5	48.6	48.6	48.7
≥ 18000	50.1	51.9	52.4	52.8	53.2	53.4	53.5	53.7	53.7	53.9	54.0	54.0	54.1	54.1	54.2	54.2
≥ 16000	50.3	52.1	52.6	53.1	53.5	53.6	53.8	53.8	54.0	54.1	54.1	54.2	54.2	54.3	54.3	54.4
≥ 14000	51.4	53.2	53.7	54.2	54.6	54.8	54.9	55.1	55.1	55.3	55.4	55.4	55.5	55.5	55.6	55.6
≥ 12000	53.4	55.7	56.3	56.9	57.4	57.6	57.8	58.0	58.0	58.2	58.3	58.3	58.4	58.4	58.5	58.5
≥ 10000	57.0	59.0	59.6	60.2	60.9	61.2	61.4	61.7	61.7	61.9	62.0	62.0	62.1	62.1	62.2	62.2
≥ 9000	59.3	61.5	62.2	62.9	63.7	64.0	64.4	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.3	65.3
≥ 8000	61.5	63.9	64.6	65.5	66.3	66.7	67.2	67.6	67.6	67.9	67.9	68.0	68.0	68.1	68.2	68.2
≥ 7000	63.7	66.4	67.2	68.1	69.1	69.5	69.9	70.4	70.4	70.7	70.8	70.8	70.9	70.9	71.0	71.0
≥ 6000	64.6	67.4	68.1	69.0	70.0	70.4	70.9	71.3	71.3	71.6	71.7	71.7	71.8	71.9	71.9	72.0
≥ 5000	66.7	69.8	70.6	71.5	72.5	72.9	73.5	74.0	74.0	74.3	74.4	74.4	74.5	74.6	74.6	74.7
≥ 4500	67.9	71.0	71.8	72.8	73.8	74.2	74.9	75.3	75.3	75.7	75.8	75.8	75.9	75.9	76.0	76.0
≥ 4000	69.1	72.3	73.2	74.2	75.3	75.8	76.4	77.0	77.0	77.3	77.4	77.4	77.5	77.6	77.7	77.7
≥ 3500	70.2	73.6	74.5	75.6	76.7	77.3	78.0	78.6	78.6	79.0	79.1	79.1	79.2	79.2	79.3	79.3
≥ 3000	71.3	75.0	76.0	77.3	78.8	79.4	80.2	80.9	81.0	81.4	81.5	81.5	81.6	81.6	81.7	81.7
≥ 2500	72.7	76.8	77.9	79.4	81.1	81.8	82.6	83.6	83.7	84.1	84.2	84.3	84.4	84.4	84.5	84.5
≥ 2000	74.1	78.6	79.9	81.7	83.5	84.4	85.6	86.7	86.8	87.4	87.5	87.6	87.7	87.7	87.8	87.8
≥ 1800	74.5	79.2	80.5	82.3	84.3	85.2	86.3	87.5	87.6	88.2	88.3	88.4	88.5	88.5	88.6	88.6
≥ 1500	75.6	80.5	81.9	83.8	85.8	86.8	88.1	89.7	89.9	90.6	90.8	90.8	90.9	90.9	91.0	91.0
≥ 1200	76.5	81.6	83.1	85.1	87.3	88.4	89.8	91.5	91.9	92.6	92.8	92.8	92.9	93.0	93.1	93.1
≥ 1000	77.2	82.5	84.0	86.1	88.4	89.5	91.0	92.9	93.3	94.3	94.6	94.6	94.8	94.8	94.9	95.0
≥ 900	77.6	83.0	84.4	86.5	88.9	90.0	91.5	93.5	93.9	95.0	95.3	95.3	95.5	95.5	95.6	95.6
≥ 800	77.8	83.2	84.7	86.8	89.2	90.4	91.9	93.9	94.4	95.5	95.8	95.9	96.3	96.1	96.2	96.2
≥ 700	78.0	83.5	85.0	87.1	89.6	90.8	92.3	94.3	94.8	96.0	96.4	96.4	96.6	96.6	96.8	96.8
≥ 600	78.2	83.7	85.3	87.5	89.9	91.1	92.6	94.7	95.2	96.5	96.8	96.9	97.0	97.1	97.2	97.2
≥ 500	78.3	84.0	85.5	87.8	90.3	91.5	93.1	95.2	95.8	97.1	97.6	97.6	97.8	97.9	98.0	98.0
≥ 400	78.4	84.1	85.7	88.0	90.7	91.9	93.5	95.7	96.2	97.5	98.0	98.1	98.3	98.3	98.4	98.4
≥ 300	78.4	84.2	85.8	88.2	91.0	92.3	93.9	96.1	96.7	98.0	98.5	98.6	98.8	98.9	99.0	99.0
≥ 200	78.4	84.2	85.9	88.3	91.2	92.5	94.1	96.3	96.9	98.3	98.8	98.9	99.1	99.2	99.4	99.5
≥ 100	78.4	84.2	85.9	88.3	91.2	92.5	94.1	96.4	97.0	98.4	99.0	99.1	99.4	99.5	99.7	99.7
≥ 0	78.4	84.2	85.9	88.3	91.2	92.5	94.1	96.4	97.0	98.4	99.1	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5746

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2147
STATION

EDMONTON IAP CN
STATION NAME

74-81
YEARS

FLP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	52.0	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2500	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1500	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1200	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1000	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 900	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 800	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 700	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 600	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 500	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 400	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 300	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 200	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 100	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 0	54.3	55.5	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0

TOTAL NUMBER OF OBSERVATIONS 067

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 2142

STATION NAME
 EDMONTON IAP CN

YEARS
 74-81

MONTH
 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	51.5	52.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	57.4	57.9	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	57.4	57.9	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	57.4	57.9	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	57.8	58.2	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	59.4	59.9	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	61.6	62.0	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	62.7	63.4	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	64.3	64.7	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	69.1	69.9	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 6000	69.8	70.5	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	72.2	73.3	73.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	74.2	75.2	76.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	75.5	76.6	77.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	76.9	78.0	79.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	78.6	80.2	82.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	80.1	82.2	84.0	85.4	85.7	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	81.6	84.0	85.9	87.7	88.3	88.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	81.8	84.3	86.2	88.0	88.6	88.8	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	82.8	85.9	87.7	89.7	91.3	91.5	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	83.4	86.6	88.4	90.7	92.4	92.7	93.6	94.2	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	83.7	86.9	88.8	91.0	92.7	93.0	93.9	94.5	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	83.7	86.9	88.8	91.0	92.7	93.0	93.9	94.5	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	83.7	86.9	88.8	91.0	92.7	93.0	93.9	94.5	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	84.3	87.5	89.4	91.6	93.3	93.6	94.7	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	84.8	88.0	89.8	92.1	93.8	94.1	95.1	95.7	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	85.1	88.3	90.1	92.4	94.1	94.5	95.6	96.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	85.3	88.4	90.3	92.6	94.2	94.7	95.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	85.3	88.4	90.3	92.7	94.4	94.8	95.9	96.5	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	85.4	88.6	90.4	92.9	94.7	95.1	96.2	96.8	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	85.4	88.6	90.4	92.9	94.7	95.1	96.5	97.3	98.2	98.6	98.9	99.1	99.1	99.2	99.2	99.4
≥ 0	85.4	88.6	90.4	93.0	94.8	95.4	97.1	97.9	98.8	99.2	99.5	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 65-

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

FEE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	48.5	49.5	49.7	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.9	51.1
≥ 18000	3.2	54.4	54.6	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.8	56.0
≥ 16000	3.2	54.4	54.6	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.0	56.1
≥ 14000	3.4	54.6	54.9	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.1	56.3
≥ 12000	56.4	58.0	58.1	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.5	59.7
≥ 10000	59.5	61.0	61.2	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.6	62.7
≥ 9000	61.2	62.9	63.0	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.6	64.7
≥ 8000	63.2	65.0	65.2	66.0	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.9	67.0
≥ 7000	66.3	68.7	68.9	69.6	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.6	70.7
≥ 6000	67.9	69.8	69.9	70.7	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.6	71.8
≥ 5000	70.1	72.4	72.9	73.6	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.7	74.8
≥ 4500	70.7	73.0	73.6	74.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.6	75.8
≥ 4000	72.7	75.3	76.1	77.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.5	78.7
≥ 3500	74.2	77.1	77.9	79.3	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	81.0	81.1
≥ 3000	75.5	78.5	79.3	80.7	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.8	83.0
≥ 2500	76.7	80.1	81.0	82.8	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.6	85.7
≥ 2000	78.4	82.4	83.6	85.7	88.3	88.3	88.8	89.0	89.0	89.3	89.3	89.3	89.3	89.4	89.6	89.7
≥ 1800	78.7	82.7	83.9	86.0	88.7	88.7	89.1	89.3	89.4	89.7	89.7	89.7	89.7	89.9	90.0	90.2
≥ 1500	79.1	83.1	84.7	87.0	90.0	90.0	90.6	91.4	91.6	92.0	92.0	92.0	92.0	92.2	92.3	92.5
≥ 1200	79.8	83.7	85.3	87.6	90.6	90.8	91.7	92.6	92.9	93.4	93.4	93.4	93.4	93.6	93.7	93.9
≥ 1000	80.4	84.4	86.0	88.5	91.6	91.7	92.6	93.6	93.9	94.5	94.5	94.5	94.5	94.6	94.8	94.9
≥ 900	80.5	84.7	86.3	88.8	91.9	92.0	93.1	94.0	94.3	94.9	94.9	94.9	94.9	95.1	95.2	95.4
≥ 800	80.5	84.7	86.3	88.8	91.9	92.0	93.1	94.0	94.3	94.9	94.9	94.9	94.9	95.1	95.2	95.4
≥ 700	81.0	85.4	87.1	89.6	92.8	92.9	94.2	95.1	95.4	96.0	96.3	96.3	96.3	96.5	96.6	96.8
≥ 600	81.3	85.7	87.4	89.9	93.1	93.3	94.5	95.4	95.7	96.3	96.6	96.6	96.6	96.8	96.9	97.1
≥ 500	81.3	85.7	87.4	89.9	93.1	93.3	94.5	95.4	95.7	96.3	96.6	96.6	96.6	96.9	97.1	97.2
≥ 400	81.4	86.0	87.7	90.3	93.7	93.9	95.1	96.0	96.3	96.9	97.2	97.2	97.2	97.5	97.7	97.9
≥ 300	81.4	86.0	87.7	90.3	93.9	94.0	95.2	96.2	96.5	97.1	97.4	97.4	97.4	97.7	97.9	98.0
≥ 200	81.4	86.0	87.7	90.3	94.0	94.2	95.4	96.3	96.6	97.2	97.5	97.5	97.5	97.9	98.0	98.2
≥ 100	81.4	86.0	87.7	90.3	94.5	94.6	95.9	96.9	97.2	98.0	98.3	98.3	98.3	98.6	98.8	99.1
≥ 0	81.4	86.0	87.7	90.3	94.5	94.6	96.0	97.2	97.5	98.3	98.8	98.8	98.8	99.1	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 55

2
LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 141

EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	44.2	45.9	46.5	47.5	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	54.3	56.7	57.5	58.7	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	54.3	56.7	57.5	58.7	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	54.3	56.7	57.5	58.7	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	55.3	57.6	58.4	59.6	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	56.4	60.5	61.3	62.5	63.7	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	64.5	67.0	67.7	69.3	70.7	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	66.7	69.1	69.9	71.4	73.0	73.4	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	68.7	71.3	72.2	73.9	75.6	76.0	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	69.6	72.4	73.3	75.1	77.0	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	69.7	72.5	73.4	75.3	77.6	78.0	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	70.2	73.0	73.9	75.7	78.2	78.6	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	70.8	73.7	74.7	76.5	79.0	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	71.6	74.5	75.9	77.7	80.3	80.8	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	71.7	75.6	77.0	78.8	81.6	82.2	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	72.7	77.0	78.5	80.3	83.1	83.9	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	72.8	77.7	79.6	81.4	84.2	84.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	73.6	78.5	80.3	82.5	85.4	86.5	87.6	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	73.7	78.8	80.6	82.8	85.9	87.1	88.2	88.9	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	74.7	79.7	81.7	83.9	87.1	88.8	90.3	91.4	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	75.0	80.2	82.3	84.5	87.7	89.7	91.4	92.9	93.7	94.3	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	75.3	80.5	82.8	84.9	88.2	90.2	91.9	93.4	94.3	95.2	95.7	95.9	96.0	96.0	96.0	96.0
≥ 900	75.4	80.6	83.1	85.3	88.6	90.6	92.3	93.9	94.8	95.7	96.2	96.3	96.5	96.5	96.5	96.5
≥ 800	75.4	80.6	83.1	85.4	88.8	90.8	92.5	94.0	94.9	95.9	96.5	96.6	96.8	96.8	96.8	96.8
≥ 700	75.4	80.6	83.3	85.6	89.1	91.1	92.8	94.5	95.4	96.3	96.9	97.1	97.2	97.2	97.2	97.2
≥ 600	75.4	80.6	83.3	85.6	89.1	91.1	92.9	94.6	95.5	96.5	97.1	97.2	97.4	97.4	97.4	97.4
≥ 500	75.4	80.8	83.4	85.7	89.7	92.0	93.9	95.5	96.5	97.4	98.0	98.2	98.3	98.3	98.3	98.3
≥ 400	75.4	81.0	83.6	85.9	89.9	92.2	94.0	95.9	96.8	97.7	98.3	98.5	98.6	98.6	98.6	98.6
≥ 300	75.6	81.3	83.9	86.2	90.3	92.6	94.6	96.5	97.4	98.3	98.9	99.1	99.4	99.4	99.4	99.4
≥ 200	75.6	81.3	83.9	86.2	90.5	92.9	94.9	96.8	97.7	98.6	99.2	99.4	99.7	99.7	99.7	99.7
≥ 100	75.6	81.3	83.9	86.2	90.5	92.9	94.9	96.8	97.7	98.8	99.5	99.7	100.0	100.0	100.0	100.0
≥ 0	75.6	81.3	83.9	86.2	90.5	92.9	94.9	96.8	97.7	98.8	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

FL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	49.8	50.3	51.2	51.2	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	59.8	61.4	62.3	62.7	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	60.3	61.8	62.7	63.2	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	60.3	61.8	62.7	63.2	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	62.0	63.5	64.4	64.8	65.2	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	65.2	66.8	67.7	68.3	68.6	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 9000	71.4	73.3	74.2	75.0	75.8	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	73.3	75.3	76.2	77.0	77.7	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	75.9	77.4	78.3	79.2	80.5	80.5	80.9	81.2	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	76.9	78.8	79.7	80.6	81.8	81.8	82.3	82.4	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	76.8	79.2	80.2	81.1	82.4	82.6	83.0	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	77.7	80.2	81.1	82.0	83.5	83.6	84.1	84.2	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	77.7	80.2	81.1	82.0	83.5	83.6	84.1	84.5	84.7	84.7	84.8	85.2	85.2	85.2	85.2	85.2
≥ 3500	78.9	81.5	82.4	83.5	85.5	85.6	86.2	86.4	86.4	86.5	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	79.8	82.6	83.5	84.7	87.0	87.1	87.7	87.9	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	80.0	82.9	83.8	85.0	87.6	87.7	88.3	88.6	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	80.6	83.6	84.5	86.1	89.2	89.4	90.3	90.6	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	80.9	84.1	85.3	87.0	90.3	90.8	92.0	92.6	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	80.8	84.1	85.3	87.1	90.5	91.1	92.3	93.0	93.5	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	81.1	84.5	85.8	87.7	91.2	92.0	93.2	93.9	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	81.2	85.0	86.2	88.3	92.0	92.7	93.9	94.7	95.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	81.5	85.6	86.8	88.9	92.6	93.3	94.5	95.3	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	81.7	85.8	87.1	89.4	93.0	93.8	95.0	95.8	96.2	96.8	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	81.7	85.9	87.4	89.8	93.8	94.5	95.8	96.5	97.0	97.6	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	81.8	86.2	87.9	90.3	94.2	95.0	96.2	97.0	97.4	98.0	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	81.8	86.2	88.0	90.5	94.4	95.2	96.4	97.1	97.6	98.2	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	81.8	86.4	88.2	90.8	94.5	95.3	96.5	97.3	97.7	98.5	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	81.8	86.5	88.3	90.8	94.7	95.5	96.7	97.4	97.9	98.6	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	81.8	86.5	88.3	90.9	94.8	95.6	96.8	97.6	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	81.8	86.5	88.3	90.9	94.8	95.6	96.8	97.6	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	81.8	86.5	88.3	90.9	94.8	95.6	96.8	97.6	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 56

7 E 4

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥4	≥3
NO CEILINGS ≥2000	50.3	50.9	51.1	51.7	51.7	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥1800	60.8	61.9	62.3	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥1600	61.3	62.3	62.8	63.5	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥1400	61.7	62.8	63.2	64.0	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥1200	65.9	67.0	67.4	68.2	68.2	68.2	68.2	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥1000	71.2	72.5	73.0	73.7	73.7	73.7	73.7	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥900	73.0	74.6	75.1	75.8	76.0	76.0	76.0	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥800	74.8	76.6	77.0	77.8	77.9	77.9	78.2	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥700	76.7	78.7	79.1	79.9	80.2	80.2	80.2	80.5	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7
≥600	76.9	78.8	79.3	80.0	80.3	80.3	80.6	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥500	78.1	80.0	80.5	81.2	81.7	81.7	82.0	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥450	78.6	80.8	81.4	82.3	82.7	82.7	83.0	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥400	80.3	82.3	82.9	83.8	84.2	84.2	84.5	84.8	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥350	81.2	83.3	83.9	85.0	85.6	86.2	86.5	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥300	81.6	83.9	84.5	85.6	86.2	86.9	87.2	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥250	82.6	85.0	86.0	87.1	87.8	88.6	89.2	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥200	83.0	85.6	86.9	88.1	89.5	90.2	91.0	93.1	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥180	83.0	85.6	86.9	88.1	89.5	90.4	91.1	93.2	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥150	83.2	86.0	87.4	88.6	89.9	90.8	91.7	94.0	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3
≥120	83.5	86.5	87.8	89.2	90.7	91.6	92.5	94.7	95.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥100	83.5	86.6	88.1	89.5	91.1	92.0	92.9	95.3	95.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥90	83.5	87.2	88.6	90.1	91.9	92.8	93.7	96.1	96.5	98.2	98.5	98.5	98.5	98.5	98.5	98.5
≥80	83.6	87.5	88.9	90.4	92.2	93.1	94.0	96.4	96.8	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥70	83.6	88.1	89.5	91.0	92.8	93.7	94.6	97.0	97.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 664

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.8	51.9	51.7	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5
≥ 27000	58.2	59.2	60.0	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8
≥ 18000	59.2	59.2	60.0	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8
≥ 15000	58.2	59.2	60.0	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8
≥ 14000	59.4	60.5	61.4	61.7	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2
≥ 12000	63.1	64.2	65.2	65.5	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2
≥ 10000	67.4	68.5	69.8	70.3	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 9000	69.8	71.2	72.6	73.1	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0
≥ 8000	72.0	73.4	74.9	75.4	75.7	75.8	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
≥ 7000	74.3	75.7	77.2	77.7	78.5	78.6	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4
≥ 6000	74.9	76.3	77.8	78.3	79.1	79.2	79.4	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0
≥ 5000	76.5	77.8	79.4	79.8	80.6	80.8	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7
≥ 4500	77.2	78.8	80.3	80.8	81.5	81.8	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8
≥ 4000	78.2	79.8	81.4	82.0	82.9	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
≥ 3500	79.1	80.9	82.5	83.2	84.5	84.8	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7
≥ 3000	80.0	82.0	83.8	84.6	86.0	86.3	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4
≥ 2500	81.1	83.2	85.2	86.2	88.3	88.8	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.2
≥ 2000	81.8	84.2	86.2	87.4	89.8	90.5	90.9	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
≥ 1800	82.0	84.3	86.3	87.5	90.0	90.6	91.1	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5
≥ 1500	82.8	85.2	87.2	88.5	91.1	91.7	92.3	94.0	94.5	94.8	95.1	95.1	95.1	95.2	95.2	95.2
≥ 1200	83.2	85.8	87.8	89.2	92.0	92.6	93.2	94.9	95.4	95.8	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1000	83.8	86.6	88.6	90.0	92.8	93.4	94.2	95.8	96.5	97.4	97.7	97.8	97.8	98.0	98.0	98.0
≥ 900	83.8	86.6	88.6	90.0	92.8	93.4	94.2	95.8	96.5	97.4	97.7	97.8	97.8	98.0	98.0	98.0
≥ 800	83.8	86.6	88.6	90.0	92.8	93.4	94.2	95.8	96.5	97.4	97.7	97.8	97.8	98.0	98.0	98.0
≥ 700	83.8	86.6	88.6	90.0	92.8	93.4	94.2	95.8	96.5	97.4	97.8	98.0	98.0	98.2	98.2	98.2
≥ 600	84.2	87.1	89.1	90.5	93.2	93.8	94.6	96.3	96.9	97.8	98.3	98.5	98.5	98.6	98.6	98.6
≥ 500	84.5	87.5	89.5	90.9	93.7	94.3	95.1	96.8	97.4	98.3	98.8	98.9	98.9	99.1	99.1	99.1
≥ 400	84.6	88.0	90.0	91.4	94.2	94.8	95.5	97.2	97.8	98.8	99.2	99.4	99.4	99.5	99.5	99.5
≥ 300	84.6	88.0	90.0	91.4	94.2	94.8	95.5	97.2	97.8	98.8	99.2	99.4	99.4	99.5	99.5	99.5
≥ 200	84.8	88.2	90.2	91.5	94.3	94.9	95.7	97.4	98.0	98.9	99.4	99.5	99.5	99.8	99.8	99.8
≥ 100	84.9	88.2	90.2	91.7	94.5	95.1	95.8	97.5	98.2	99.1	99.5	99.7	99.7	100.0	100.0	100.0
≥ 0	84.8	88.2	90.2	91.7	94.5	95.1	95.8	97.5	98.2	99.1	99.5	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

2
JULY 1984
CLIMATE CLIMATOLOGY BRANCH
OFFICE
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	51.3	52.4	52.7	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9
≥ 20000	54.9	55.7	56.1	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 18000	54.9	55.7	56.1	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 16000	55.1	55.9	56.2	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
≥ 14000	55.6	56.3	56.6	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 12000	57.1	57.8	58.1	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4
≥ 10000	61.3	62.3	62.6	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	64.1
≥ 9000	63.3	64.8	65.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.8
≥ 8000	67.0	68.8	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.8
≥ 7000	69.1	70.9	71.4	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.2
≥ 6000	70.2	72.1	72.6	73.5	74.0	74.0	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.7
≥ 5000	71.9	74.0	74.6	75.5	76.0	76.0	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 4500	73.2	75.5	76.1	77.2	77.8	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.7
≥ 4000	74.6	77.3	78.1	79.1	80.1	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5	81.0
≥ 3500	76.0	79.0	79.8	81.0	82.2	82.3	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.8	83.3
≥ 3000	77.1	80.2	81.0	82.3	83.9	84.0	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.7
≥ 2500	78.4	81.9	82.8	84.5	86.3	86.5	87.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.3
≥ 2000	80.5	84.0	85.1	86.8	89.2	89.6	90.7	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.8	92.2
≥ 1800	80.7	84.2	85.4	87.1	89.5	90.0	91.0	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.7
≥ 1500	81.4	85.1	86.3	88.1	90.7	91.3	93.0	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.5	95.0
≥ 1200	81.9	85.5	86.9	88.7	91.3	91.9	93.6	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.3	95.7
≥ 1000	82.7	86.1	87.5	89.3	92.1	92.7	94.4	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.8
≥ 900	82.2	86.3	87.7	89.5	92.2	92.8	94.5	95.7	96.2	96.3	96.3	96.3	96.3	96.5	96.5	97.0
≥ 800	82.2	86.3	87.8	89.6	92.4	93.0	94.7	95.9	96.3	96.5	96.5	96.5	96.5	96.7	96.7	97.1
≥ 700	82.2	86.5	88.0	90.0	92.7	93.3	95.0	96.2	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.4
≥ 600	82.3	86.6	88.3	90.3	93.0	93.6	95.3	96.7	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.9
≥ 500	82.3	86.6	88.3	90.3	93.0	93.6	95.3	96.7	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.9
≥ 400	82.5	87.5	89.0	91.0	93.8	94.4	96.0	97.4	97.9	98.0	98.0	98.0	98.0	98.2	98.2	98.6
≥ 300	82.5	88.0	89.5	91.5	94.2	94.8	96.5	97.9	98.3	98.5	98.5	98.5	98.5	98.6	98.6	99.1
≥ 200	82.6	88.3	89.8	91.5	94.7	95.3	97.0	98.3	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.8
≥ 100	82.6	88.3	89.8	91.5	94.8	95.4	97.1	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.2	100.0
≥ 0	82.6	88.3	89.8	91.5	94.8	95.4	97.1	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

657

CLIMAT. CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.6	50.6	51.1	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0
≥ 20000	56.7	57.8	58.3	58.9	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
≥ 18000	56.7	57.9	58.4	59.0	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
≥ 16000	56.7	58.0	58.5	59.1	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 14000	57.6	58.7	59.2	59.8	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥ 12000	60.2	61.5	62.7	62.6	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3
≥ 10000	64.5	66.0	66.5	67.2	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 9500	66.4	68.0	68.6	69.3	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
≥ 8000	68.8	70.5	71.1	71.9	72.4	72.5	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1
≥ 7000	71.1	73.0	73.6	74.4	75.1	75.1	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8
≥ 6000	71.7	73.6	74.2	75.1	75.8	75.9	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5
≥ 5000	73.4	75.4	76.1	76.9	77.7	77.8	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5
≥ 4500	74.3	76.4	77.2	78.1	79.1	79.2	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	75.7	78.1	78.9	80.0	81.1	81.2	81.5	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.1
≥ 3500	76.9	79.4	80.4	81.6	82.9	83.2	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0
≥ 3000	77.9	80.8	81.9	83.1	84.6	84.9	85.2	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 2500	78.8	82.0	83.4	84.8	86.5	86.8	87.4	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1
≥ 2000	80.0	83.5	85.1	86.7	88.9	89.4	90.2	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1800	80.3	83.8	85.4	87.1	89.2	89.8	90.6	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.9	91.9
≥ 1500	80.9	84.6	86.2	88.0	90.4	91.1	92.1	93.1	93.4	93.7	93.8	93.8	93.9	93.9	93.9	94.0
≥ 1200	81.3	85.2	86.8	88.7	91.2	91.9	93.0	94.1	94.6	95.0	95.2	95.2	95.3	95.3	95.3	95.4
≥ 1000	81.7	85.7	87.4	89.3	91.8	92.5	93.6	94.8	95.3	96.0	96.2	96.3	96.3	96.4	96.4	96.4
≥ 900	81.8	85.9	87.6	89.5	92.1	92.8	93.9	95.1	95.6	96.3	96.5	96.6	96.6	96.7	96.7	96.8
≥ 800	81.8	85.9	87.7	89.7	92.3	93.0	94.1	95.3	95.8	96.5	96.8	96.8	96.8	96.9	96.9	97.0
≥ 700	82.0	86.1	88.1	90.1	92.7	93.5	94.8	95.8	96.3	97.1	97.4	97.4	97.5	97.5	97.5	97.6
≥ 600	82.2	86.6	88.4	90.3	93.0	93.7	94.9	96.2	96.7	97.4	97.7	97.7	97.8	97.9	97.9	97.9
≥ 500	82.3	86.7	88.5	90.5	93.2	94.0	95.1	96.4	97.0	97.7	98.0	98.0	98.2	98.2	98.2	98.3
≥ 400	82.4	87.0	88.8	90.8	93.5	94.3	95.5	96.8	97.3	98.1	98.4	98.4	98.6	98.6	98.6	98.7
≥ 300	82.4	87.1	88.9	91.0	93.8	94.6	95.7	97.1	97.6	98.3	98.6	98.7	98.9	98.9	98.9	99.0
≥ 200	82.5	87.2	89.0	91.1	93.9	94.7	96.0	97.3	97.8	98.6	98.9	99.0	99.2	99.2	99.3	99.4
≥ 100	82.5	87.2	89.0	91.1	94.1	94.9	96.1	97.5	98.0	98.8	99.2	99.3	99.5	99.6	99.7	99.9
≥ 0	82.5	87.2	89.0	91.1	94.1	94.9	96.2	97.6	98.1	99.0	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5257

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	51.3	52.3	52.6	52.6	52.9	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7
≥ 20000	54.4	55.4	55.8	55.8	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.9	56.9	56.9
≥ 18000	54.4	55.4	55.8	55.8	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.9	56.9	56.9
≥ 16000	54.7	55.6	56.1	56.1	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	57.2	57.2	57.2
≥ 14000	55.8	56.7	57.2	57.2	57.4	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	58.3	58.3	58.3
≥ 12000	58.4	59.4	59.8	59.8	60.1	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9
≥ 10000	60.2	61.5	61.9	61.9	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	63.0	63.0	63.0
≥ 9000	61.6	63.0	63.4	63.4	63.8	63.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.8	64.8	64.8
≥ 8000	63.0	64.4	64.8	64.8	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	66.2	66.2	66.2
≥ 7000	66.1	67.5	67.9	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	69.3	69.3	69.3
≥ 6000	67.6	69.0	69.4	69.4	69.8	69.8	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.9	70.9	70.9
≥ 5000	71.2	72.6	73.0	73.0	73.6	73.6	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.6	74.6	74.6
≥ 4500	73.0	74.4	74.8	74.8	75.4	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	76.2	76.2	76.2
≥ 4000	74.3	75.8	76.5	76.6	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0
≥ 3500	75.7	76.8	77.5	77.6	78.3	78.3	78.3	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1
≥ 3000	77.1	78.9	79.6	79.8	80.7	80.8	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6
≥ 2500	79.6	81.6	82.3	82.6	83.6	83.9	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0
≥ 2000	80.7	83.0	83.7	84.0	85.3	85.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8	86.8
≥ 1800	81.4	84.0	84.8	85.3	86.8	87.2	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5
≥ 1500	82.3	85.1	86.0	86.4	88.2	88.6	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7
≥ 1200	83.3	86.1	86.9	87.3	89.6	90.0	90.5	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5
≥ 1000	84.1	87.1	87.9	88.5	90.8	91.2	91.8	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9
≥ 900	84.7	87.8	88.6	89.2	91.5	91.9	92.5	94.2	94.4	94.4	94.4	94.4	94.4	94.9	94.9	94.9
≥ 800	85.1	88.2	89.0	89.6	91.9	92.4	92.9	94.6	94.9	95.0	95.0	95.0	95.0	95.5	95.5	95.5
≥ 700	86.1	89.0	89.8	90.4	92.9	93.3	94.0	95.7	96.0	96.1	96.1	96.1	96.1	96.4	96.4	96.4
≥ 600	86.4	89.6	90.4	91.1	93.6	94.2	95.0	96.7	96.9	97.1	97.1	97.1	97.1	97.6	97.6	97.6
≥ 500	86.5	89.8	90.7	91.4	93.9	94.4	95.3	96.9	97.2	97.4	97.4	97.4	97.4	97.9	97.9	97.9
≥ 400	86.6	90.3	91.1	91.8	94.3	95.0	95.8	97.5	97.8	97.9	97.9	97.9	97.9	98.2	98.2	98.2
≥ 300	86.9	90.5	91.4	92.1	94.6	95.3	96.1	97.8	98.1	98.2	98.2	98.2	98.2	98.5	98.5	98.5
≥ 200	86.9	90.5	91.4	92.2	94.7	95.4	96.2	97.9	98.2	98.3	98.3	98.3	98.3	98.6	98.6	98.6
≥ 100	86.9	90.5	91.4	92.2	94.9	95.7	96.5	98.2	98.5	98.6	98.6	98.6	98.6	98.9	98.9	98.9
≥ 0	86.9	90.5	91.4	92.2	94.9	95.7	96.5	98.2	98.5	98.6	98.6	98.6	98.6	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-61

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	47.1	49.0	49.2	49.4	49.5	49.7	49.7	49.7	49.7	49.9	49.9	49.9	50.1	50.2	50.6	50.6
≥ 20000	51.4	53.3	53.2	53.5	53.6	53.8	53.8	53.8	53.8	54.1	54.1	54.1	54.2	54.3	54.7	54.7
≥ 18000	51.4	53.3	53.2	53.5	53.6	53.8	53.8	53.8	53.8	54.1	54.1	54.1	54.2	54.3	54.7	54.7
≥ 16000	51.3	53.4	53.6	53.9	54.1	54.2	54.2	54.2	54.2	54.5	54.5	54.5	54.6	54.7	55.2	55.2
≥ 14000	53.7	54.5	54.7	55.0	55.2	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.7	55.8	56.3	56.3
≥ 12000	55.3	56.8	57.1	57.4	57.5	57.6	57.6	57.6	57.6	57.9	57.9	57.9	58.0	58.2	58.6	58.6
≥ 10000	57.6	59.1	59.4	59.7	59.8	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.4	60.5	60.9	60.9
≥ 9000	59.0	60.8	61.1	61.3	61.5	61.6	61.6	61.6	61.6	61.9	61.9	61.9	62.0	62.2	62.6	62.6
≥ 8000	60.7	62.9	63.1	63.4	63.7	63.8	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.4	64.8	64.8
≥ 7000	63.4	65.7	66.2	66.3	66.6	66.7	66.7	66.7	66.7	67.0	67.0	67.0	67.1	67.3	67.7	67.7
≥ 6000	64.1	66.4	66.7	67.0	67.3	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.8	68.0	68.4	68.4
≥ 5000	67.5	70.0	70.3	70.6	70.8	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.4	71.5	71.9	71.9
≥ 4500	68.5	71.0	71.3	71.5	71.8	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.4	72.5	72.9	72.9
≥ 4000	69.7	72.2	72.5	72.9	73.5	73.6	73.6	73.6	73.6	74.0	74.0	74.0	74.1	74.3	74.7	74.7
≥ 3500	70.9	74.0	74.3	74.7	75.2	75.4	75.4	75.4	75.4	75.8	75.8	75.8	75.9	76.1	76.5	76.5
≥ 3000	72.4	75.9	76.5	76.9	77.6	77.9	77.9	77.9	77.9	78.4	78.4	78.4	78.5	78.7	79.1	79.1
≥ 2500	73.5	77.2	78.0	78.5	79.5	79.8	79.9	79.9	79.9	80.5	80.5	80.5	80.6	80.7	81.2	81.2
≥ 2000	75.7	79.5	80.3	80.9	82.1	82.5	82.8	82.9	82.9	83.5	83.5	83.5	83.6	83.8	84.2	84.2
≥ 1800	76.2	80.1	81.0	81.6	82.9	83.5	83.9	84.0	84.0	84.6	84.6	84.6	84.7	84.9	85.3	85.3
≥ 1500	77.7	81.8	82.8	83.5	85.1	86.1	86.8	86.9	86.9	87.6	87.6	87.6	87.8	87.9	88.3	88.3
≥ 1200	79.1	83.4	84.5	85.1	87.2	88.2	88.9	89.3	89.4	90.1	90.1	90.1	90.2	90.4	90.8	90.8
≥ 1000	79.6	84.2	85.3	86.2	88.4	89.4	90.1	90.5	90.8	91.7	91.7	91.7	92.0	92.2	92.6	92.6
≥ 900	80.7	85.3	86.4	87.3	89.5	90.5	91.2	91.6	91.9	92.8	92.8	92.8	93.1	93.3	93.7	93.7
≥ 800	81.3	85.8	86.9	87.9	90.2	91.2	91.9	92.3	92.6	93.5	93.5	93.5	93.9	94.1	94.5	94.5
≥ 700	82.0	86.7	87.9	88.9	91.2	92.2	92.8	93.3	93.5	94.5	94.5	94.5	94.9	95.0	95.5	95.5
≥ 600	82.7	87.3	88.9	89.8	92.2	93.1	93.8	94.6	94.9	95.9	95.9	95.9	96.3	96.4	96.8	96.8
≥ 500	83.4	88.0	89.5	90.5	93.0	93.9	94.8	95.6	95.9	96.8	96.8	96.8	97.2	97.4	97.8	97.8
≥ 400	83.4	88.0	89.5	90.5	93.0	93.9	94.8	95.6	95.9	96.8	96.8	96.8	97.2	97.4	97.8	97.8
≥ 300	83.6	88.3	89.8	90.8	93.3	94.2	95.5	96.3	96.6	97.5	97.5	97.5	97.9	98.1	98.5	98.5
≥ 200	83.6	88.4	90.1	91.3	93.8	94.8	96.0	96.8	97.1	98.1	98.1	98.1	98.6	98.8	99.2	99.2
≥ 100	83.6	88.4	90.0	91.5	93.9	94.9	96.4	97.2	97.5	98.6	98.6	98.6	99.2	99.3	99.7	99.7
≥ 0	83.6	88.4	90.0	91.5	93.9	94.9	96.4	97.2	97.5	98.6	98.6	98.6	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	42.1	44.1	44.1	44.4	44.4	44.4	44.5	44.6	44.6	44.8	44.8	44.8	44.8	44.9	45.2	45.5
≥ 20000	49.1	51.6	51.7	52.3	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.9	53.1	53.4
≥ 18000	49.3	51.6	51.7	52.3	52.3	52.3	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.9	53.1	53.4
≥ 16000	49.9	52.6	52.7	53.3	53.3	53.3	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.8	54.1	54.4
≥ 14000	50.4	53.4	53.6	54.1	54.1	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.7	55.0	55.2
≥ 12000	53.3	55.9	56.1	56.6	56.6	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.5	57.7
≥ 10000	55.9	58.9	59.0	59.6	59.6	59.6	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.1	60.4	60.7
≥ 9000	57.9	60.8	60.9	61.5	61.5	61.5	61.6	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.3	62.6
≥ 8000	60.3	63.9	64.0	64.9	65.4	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.4	66.7
≥ 7000	62.3	65.4	65.6	66.5	67.1	67.4	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.9	68.2	68.5
≥ 6000	63.3	66.9	67.1	68.1	68.6	68.9	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.5	69.7	70.0
≥ 5000	65.7	68.9	69.5	70.4	71.0	71.3	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.8	72.1	72.4
≥ 4500	66.7	70.2	70.7	71.7	72.2	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	73.1	73.4	73.6
≥ 4000	67.8	71.7	72.4	73.5	74.5	74.8	74.9	75.2	75.3	75.5	75.5	75.5	75.5	75.6	75.9	76.2
≥ 3500	68.1	72.2	72.9	74.2	75.2	75.5	75.6	75.9	76.0	76.2	76.2	76.2	76.2	76.3	76.6	76.8
≥ 3000	69.5	73.9	74.8	76.6	77.7	78.0	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.9	79.2	79.5
≥ 2500	70.3	75.2	76.0	78.1	79.2	79.5	79.6	80.1	80.2	80.5	80.5	80.5	80.5	80.6	80.9	81.2
≥ 2000	71.5	76.8	77.8	80.3	81.6	82.1	82.8	83.3	83.4	83.7	83.7	83.7	83.8	84.0	84.2	84.5
≥ 1800	71.5	77.0	78.0	80.5	81.9	82.4	83.1	83.5	83.7	84.0	84.0	84.0	84.1	84.2	84.5	84.8
≥ 1500	72.5	78.1	79.1	81.7	84.0	84.5	85.2	85.6	85.8	86.2	86.2	86.2	86.3	86.5	86.8	87.0
≥ 1200	73.5	79.2	80.2	83.0	85.2	85.8	87.0	87.6	87.7	88.1	88.1	88.1	88.1	88.3	88.4	88.7
≥ 1000	73.9	79.8	80.8	83.5	85.8	86.3	87.9	88.6	88.7	89.3	89.7	90.0	90.1	90.2	90.5	90.8
≥ 900	74.3	80.2	81.2	84.0	86.2	86.8	88.3	89.0	89.1	89.7	90.1	90.4	90.5	90.7	90.9	91.2
≥ 800	74.5	80.5	81.5	84.4	86.8	87.3	89.0	89.7	89.8	90.4	91.1	91.4	91.5	91.6	91.9	92.2
≥ 700	74.8	81.0	82.0	84.9	87.3	88.1	90.0	90.9	91.1	91.6	92.5	92.7	92.9	93.0	93.3	93.6
≥ 600	75.5	81.7	82.7	85.8	88.1	89.1	91.1	92.1	92.2	92.7	93.6	93.9	94.0	94.1	94.4	94.7
≥ 500	75.6	82.1	83.1	86.5	89.1	90.1	92.1	93.0	93.2	93.9	94.7	95.0	95.3	95.4	95.7	96.0
≥ 400	75.6	82.7	83.8	87.2	90.0	91.1	93.0	94.0	94.1	94.8	95.7	96.1	96.4	96.5	96.8	97.2
≥ 300	75.6	82.7	84.0	87.3	90.1	91.4	93.3	94.3	94.4	95.1	96.0	96.4	96.7	96.8	97.1	97.5
≥ 200	75.6	82.8	84.1	87.4	90.2	91.8	93.9	94.8	95.1	96.1	96.9	97.4	97.6	97.9	98.2	98.9
≥ 100	75.6	82.8	84.1	87.4	90.2	91.8	93.9	94.8	95.1	96.2	97.1	97.5	97.9	98.2	98.7	99.6
≥ 0	75.6	82.8	84.1	87.4	90.2	91.8	93.9	94.8	95.1	96.2	97.1	97.5	98.2	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-01

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000	43.6	45.4	45.7	45.9	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 18000	54.5	56.6	57.4	58.4	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	55.1	57.1	58.0	58.9	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	56.1	58.1	58.9	59.9	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	56.2	60.5	61.3	62.3	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	61.3	63.7	64.7	65.8	66.3	66.5	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	63.5	66.1	67.0	68.2	68.7	69.0	69.0	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	65.8	68.3	69.3	70.5	71.4	71.8	71.8	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	67.3	69.8	70.8	72.1	72.9	73.3	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	68.3	70.8	71.8	73.0	73.9	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 5000	70.2	72.8	73.7	75.0	75.8	76.3	76.3	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500	70.5	73.3	74.3	75.6	76.4	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	70.9	73.9	74.9	76.1	77.0	77.4	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	72.1	75.0	76.0	77.4	78.2	78.6	78.6	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	72.9	76.1	77.2	78.6	79.7	80.4	80.6	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	73.9	77.1	78.2	80.0	81.3	82.3	82.5	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	74.9	78.5	80.0	82.1	84.1	85.1	85.6	86.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	75.3	78.9	80.4	82.5	84.5	85.5	86.2	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	75.7	79.5	81.1	83.7	85.8	87.0	87.8	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	76.1	79.9	81.7	84.5	86.7	88.1	89.1	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	76.4	80.4	82.5	85.3	87.6	89.0	90.1	91.2	91.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5
≥ 900	76.4	80.6	82.7	85.5	87.6	89.2	90.4	91.5	91.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7
≥ 800	76.4	80.7	83.1	85.9	88.3	89.7	90.8	91.9	91.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2
≥ 700	77.0	81.6	84.1	87.3	89.6	91.2	92.3	93.4	93.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7
≥ 600	77.0	81.7	84.4	88.1	90.8	92.2	93.3	94.4	94.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7
≥ 500	77.0	81.7	84.6	88.4	91.3	92.7	94.0	95.1	95.1	96.2	96.6	96.6	96.6	96.8	96.9	97.1
≥ 400	77.0	81.7	84.6	88.4	91.5	92.9	94.1	95.4	95.4	96.5	97.1	97.1	97.1	97.2	97.3	97.8
≥ 300	77.0	81.7	84.6	88.7	91.8	93.3	94.6	95.8	95.8	97.1	97.9	97.9	97.9	98.0	98.2	98.6
≥ 200	77.0	81.7	84.6	88.7	91.8	93.3	94.7	95.9	96.1	97.3	98.3	98.3	98.3	98.5	98.6	99.0
≥ 100	77.0	81.7	84.6	88.7	91.8	93.3	94.7	95.9	96.1	97.5	98.5	98.5	98.5	98.6	98.7	99.2
≥ 0	77.0	81.7	84.6	88.7	91.8	93.3	94.7	95.9	96.1	97.5	98.5	98.5	98.5	98.6	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	52.2	53.2	54.2	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	63.2	64.7	65.8	65.9	66.1	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	63.1	64.7	65.8	65.9	66.1	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	63.3	65.5	66.6	66.8	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	65.2	67.0	68.2	68.3	68.4	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	67.6	69.4	70.7	70.8	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	70.3	72.1	73.3	73.7	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	71.6	73.6	74.9	75.3	75.6	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	72.8	74.9	76.4	76.8	77.2	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	74.0	76.1	77.7	78.1	78.5	78.6	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	74.4	76.5	78.1	78.5	78.9	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	75.3	77.4	78.9	79.3	80.0	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	75.4	77.5	79.1	79.5	80.2	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	76.5	78.6	80.2	80.6	81.3	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	78.6	80.7	82.3	82.7	83.4	83.5	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	80.3	82.3	83.8	84.2	84.9	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	80.7	82.8	84.4	84.9	85.8	85.9	86.5	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	82.7	84.9	86.5	87.2	88.1	88.3	89.1	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	83.3	85.3	86.9	87.6	88.5	88.7	89.5	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	83.7	86.2	87.8	88.7	89.8	89.9	91.1	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	84.5	87.0	88.8	89.8	91.1	91.2	92.3	92.7	92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	84.9	88.3	90.5	91.8	93.4	93.6	94.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	85.1	88.7	90.9	92.2	93.9	94.0	95.1	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	85.3	89.1	91.3	92.6	94.3	94.4	95.5	96.5	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	85.5	89.2	91.6	93.3	95.1	95.3	96.4	97.3	97.3	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 600	85.5	89.4	91.8	93.6	95.4	95.5	96.6	97.6	97.6	98.5	98.5	98.6	98.7	98.7	98.7	98.7
≥ 500	85.5	89.7	92.0	93.9	95.7	95.9	97.1	98.0	98.2	99.0	99.0	99.2	99.3	99.6	99.6	99.6
≥ 400	85.5	89.7	92.0	93.9	95.7	95.9	97.1	98.0	98.3	99.2	99.2	99.3	99.4	99.7	99.7	99.7
≥ 300	85.5	89.8	92.2	94.0	95.8	96.2	97.3	98.3	98.6	99.4	99.4	99.6	99.7	100.0	100.0	100.0
≥ 200	85.5	89.8	92.2	94.0	95.8	96.2	97.3	98.3	98.6	99.4	99.4	99.6	99.7	100.0	100.0	100.0
≥ 100	85.5	89.8	92.2	94.0	95.8	96.2	97.3	98.3	98.6	99.4	99.4	99.6	99.7	100.0	100.0	100.0
≥ 0	85.5	89.8	92.2	94.0	95.8	96.2	97.3	98.3	98.6	99.4	99.4	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	50.3	52.0	52.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 2000	64.6	66.7	67.5	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	64.6	66.7	67.5	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1600	65.5	67.5	68.4	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1400	67.4	69.5	70.3	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1200	70.6	72.7	73.5	74.1	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1000	73.0	75.3	76.1	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	73.9	76.6	77.4	78.4	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 800	75.3	77.7	78.5	79.6	79.9	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 700	76.7	78.6	79.5	80.6	80.9	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 600	76.1	78.8	79.6	80.7	81.1	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 500	77.5	80.2	81.0	82.2	82.8	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	77.7	80.6	81.4	82.7	83.2	83.4	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	79.5	82.4	83.2	84.5	85.0	85.2	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	80.9	83.8	84.6	85.9	86.4	86.5	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	81.7	84.6	85.4	86.7	87.4	87.5	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	83.6	86.5	87.4	88.8	89.5	89.6	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	84.9	88.1	88.9	90.3	91.4	91.5	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	85.2	88.6	89.6	91.0	92.1	92.2	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	85.2	88.6	89.7	91.1	92.2	92.4	92.9	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	86.5	90.4	91.8	93.3	94.7	94.9	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	87.2	91.5	93.1	94.7	96.3	96.4	96.9	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 900	87.2	91.5	93.1	94.9	96.4	96.5	97.2	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	87.2	91.5	93.1	94.9	96.4	96.5	97.2	97.9	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.5
≥ 700	87.2	91.7	93.2	95.3	96.8	96.9	97.6	98.3	98.5	98.6	98.8	98.8	99.0	99.2	99.2	99.2
≥ 600	87.4	92.0	93.5	95.6	97.1	97.2	97.9	98.8	98.9	99.0	99.2	99.2	99.4	99.6	99.6	99.6
≥ 500	87.4	92.0	93.5	95.6	97.1	97.2	97.9	98.8	98.9	99.3	99.4	99.4	99.7	99.9	99.9	99.9
≥ 400	87.4	92.0	93.5	95.6	97.1	97.2	97.9	98.8	98.9	99.3	99.4	99.4	99.7	99.9	99.9	99.9
≥ 300	87.4	92.0	93.5	95.6	97.2	97.4	98.1	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0
≥ 200	87.4	92.0	93.5	95.6	97.2	97.4	98.1	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100	87.4	92.0	93.5	95.6	97.2	97.4	98.1	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0	87.4	92.0	93.5	95.6	97.2	97.4	98.1	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1950-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	52.5	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	58.5	59.7	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	58.5	59.7	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	58.5	59.7	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 14000	60.1	61.2	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	63.3	65.0	66.0	66.1	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	66.5	67.8	68.9	68.9	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	68.2	69.6	70.6	70.7	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	70.6	72.4	73.4	73.5	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	72.5	74.6	75.6	75.8	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	73.7	75.8	76.8	76.9	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	75.5	77.6	78.6	78.7	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	76.8	78.9	79.8	80.0	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	79.7	81.9	82.9	83.1	83.5	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	80.7	82.9	83.9	84.0	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	81.9	84.2	85.2	85.3	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	83.9	86.1	87.1	87.3	88.1	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	85.6	88.0	88.9	89.1	90.3	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	86.7	88.4	89.4	89.5	90.8	91.2	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.4	88.8	89.8	90.1	91.6	92.0	92.9	93.7	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	88.0	90.6	91.7	92.0	93.6	94.0	95.0	95.8	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	88.4	91.5	92.7	93.0	94.8	95.2	96.4	97.2	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	88.5	91.6	92.9	93.1	95.1	95.5	96.6	97.5	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	88.5	91.7	93.0	93.3	95.2	95.7	96.8	97.6	97.8	98.0	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	88.5	91.7	93.0	93.3	95.2	95.7	96.8	97.6	97.8	98.0	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	88.5	91.9	93.1	93.4	95.5	95.9	97.1	97.9	98.0	98.3	98.7	98.9	98.9	98.9	98.9	98.9
≥ 500	88.8	92.4	93.7	94.0	96.2	96.6	97.8	98.6	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6
≥ 400	88.9	92.6	93.8	94.1	96.4	96.8	97.9	98.7	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	89.1	92.7	94.0	94.3	96.5	96.9	98.0	98.9	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	89.1	92.7	94.0	94.3	96.5	96.9	98.0	98.9	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	89.1	92.7	94.0	94.3	96.5	96.9	98.0	98.9	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	89.1	92.7	94.0	94.3	96.5	96.9	98.0	98.9	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 714

2
 CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AT- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

YEAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	52.4	54.0	54.4	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	56.1	57.6	58.7	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	56.1	57.6	58.7	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	56.1	57.6	58.7	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	56.5	58.0	58.5	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	59.2	60.7	61.1	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	61.3	62.8	63.2	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	62.1	63.6	64.3	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	64.8	66.4	67.0	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	68.3	70.1	70.8	71.0	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	70.1	72.2	72.9	73.1	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	73.1	75.2	76.1	76.4	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	74.5	76.8	77.6	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	76.1	78.3	79.2	79.4	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	77.1	79.3	80.3	80.6	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	78.6	80.8	82.0	82.5	83.1	83.4	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	81.0	83.4	84.6	85.6	86.2	86.4	86.9	87.1	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	83.2	85.7	87.0	88.0	88.7	89.1	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	83.5	86.0	87.3	88.4	89.1	89.5	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	84.2	87.3	88.5	89.7	90.9	91.7	92.4	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	86.6	89.8	91.0	92.2	93.4	94.3	95.0	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	86.9	90.5	91.7	92.9	94.1	95.0	95.7	96.1	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5
≥ 900	87.7	90.8	91.9	93.0	94.3	95.1	95.8	96.2	96.2	96.4	96.6	96.6	96.8	96.8	96.8	96.8
≥ 800	87.3	91.0	92.3	93.4	94.7	95.5	96.2	96.6	96.6	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 700	87.6	91.5	92.7	93.8	95.1	95.9	96.6	97.1	97.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 600	87.8	91.7	93.0	94.1	95.4	96.2	96.9	97.3	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9
≥ 500	88.3	92.3	93.6	94.7	95.9	96.8	97.5	97.9	97.9	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 400	88.5	92.6	94.0	95.2	96.6	97.5	98.2	98.6	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2
≥ 300	88.7	92.7	94.1	95.4	96.8	97.6	98.3	98.7	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	88.8	92.9	94.4	95.7	97.1	97.9	98.7	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	88.9	92.9	94.4	95.7	97.1	97.9	98.7	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	88.8	92.9	94.4	95.7	97.1	97.9	98.7	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 715

2
CLIMAT CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

4A7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.1	50.5	50.9	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.5	51.5	51.6
≥ 20000	56.4	58.1	58.7	59.1	59.2	59.3	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.7
≥ 18000	56.4	58.1	58.7	59.1	59.2	59.3	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.7
≥ 16000	56.4	58.6	59.2	59.6	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.2	60.2
≥ 14000	58.1	59.8	60.4	60.7	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.4	61.4
≥ 12000	60.5	62.5	63.2	63.5	63.8	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.3	64.4
≥ 10000	63.3	65.1	65.8	66.2	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.1
≥ 9000	64.7	66.8	67.4	67.9	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.8	68.9
≥ 8000	66.7	68.8	69.6	70.1	70.5	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.2
≥ 7000	68.7	71.0	71.7	72.3	72.7	72.9	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.4	73.5	73.5
≥ 6000	69.8	72.0	72.8	73.3	73.8	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.6	74.7
≥ 5000	72.0	74.3	75.1	75.7	76.2	76.4	76.6	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.1	77.1
≥ 4500	72.9	75.3	76.1	76.7	77.2	77.4	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.1	78.1	78.1
≥ 4000	74.3	76.8	77.7	78.3	79.0	79.2	79.3	79.5	79.5	79.6	79.7	79.7	79.8	79.9	79.9	79.9
≥ 3500	75.4	78.1	79.1	79.6	80.3	80.5	80.6	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.3
≥ 3000	76.8	79.6	80.5	81.3	82.1	82.4	82.6	82.9	82.9	83.1	83.1	83.2	83.2	83.3	83.3	83.4
≥ 2500	78.3	81.2	82.2	83.2	84.1	84.5	84.8	85.1	85.1	85.3	85.3	85.4	85.4	85.5	85.6	85.6
≥ 2000	79.9	83.1	84.1	85.2	86.4	86.9	87.4	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.3	88.4
≥ 1800	80.2	83.5	84.7	85.8	87.1	87.5	88.1	88.5	88.5	88.7	88.8	88.8	88.9	88.9	89.0	89.1
≥ 1500	81.0	84.4	85.6	86.8	88.4	89.0	89.8	90.4	90.5	90.8	90.9	90.9	91.0	91.0	91.1	91.2
≥ 1200	82.2	85.8	87.1	88.4	90.2	90.8	91.6	92.4	92.5	92.8	92.9	93.0	93.1	93.1	93.2	93.2
≥ 1000	82.7	86.6	88.1	89.5	91.4	92.0	92.9	93.8	93.9	94.4	94.6	94.6	94.8	94.8	94.9	94.9
≥ 900	83.1	87.0	88.4	89.9	91.8	92.4	93.4	94.2	94.4	94.8	95.1	95.1	95.3	95.3	95.4	95.4
≥ 800	83.2	87.3	88.8	90.2	92.2	92.8	93.8	94.6	94.8	95.3	95.5	95.6	95.8	95.8	95.9	95.9
≥ 700	83.6	87.8	89.3	90.9	92.9	93.6	94.6	95.5	95.6	96.1	96.3	96.4	96.6	96.7	96.8	96.9
≥ 600	83.8	88.2	89.7	91.4	93.5	94.2	95.2	96.2	96.3	96.8	97.1	97.2	97.4	97.4	97.5	97.5
≥ 500	84.1	88.5	90.1	91.9	94.0	94.7	95.8	96.7	96.9	97.5	97.8	97.9	98.1	98.2	98.3	98.3
≥ 400	84.1	88.7	90.3	92.1	94.3	95.0	96.1	97.1	97.2	97.8	98.1	98.3	98.5	98.6	98.7	98.8
≥ 300	84.2	88.8	90.4	92.3	94.5	95.3	96.4	97.4	97.5	98.1	98.5	98.6	98.8	98.9	99.1	99.2
≥ 200	84.2	88.9	90.5	92.4	94.6	95.5	96.6	97.6	97.8	98.4	98.8	98.9	99.1	99.3	99.4	99.6
≥ 100	84.2	88.9	90.5	92.4	94.7	95.5	96.7	97.7	97.9	98.6	98.9	99.3	99.3	99.4	99.6	99.9
≥ 0	84.2	88.9	90.5	92.4	94.7	95.5	96.7	97.7	97.9	98.6	98.9	99.0	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5745

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CN

74-81

AF

STATION

STATION NAME

YEARS

MOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.
≥ 2000	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.
≥ 1800	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.
≥ 1600	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.
≥ 1400	67.8	67.8	68.7	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.
≥ 1200	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.
≥ 1000	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.
≥ 900	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.
≥ 800	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.
≥ 700	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.
≥ 600	78.5	78.5	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.
≥ 500	80.7	81.0	81.2	81.2	81.2	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.
≥ 450	81.2	81.5	81.8	81.8	81.8	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.
≥ 400	82.7	83.0	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.
≥ 350	83.5	83.8	84.1	84.1	84.1	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.
≥ 300	86.6	86.9	87.2	87.2	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.
≥ 250	88.4	88.5	88.9	89.0	89.2	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.
≥ 200	88.6	89.2	89.6	89.8	90.2	90.3	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.
≥ 180	89.4	90.2	90.6	90.8	91.2	91.3	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.
≥ 150	90.0	90.9	91.3	91.5	91.9	92.1	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.
≥ 120	91.1	92.2	92.6	92.8	93.2	93.4	93.5	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.
≥ 100	91.3	92.8	93.2	93.5	93.9	94.2	94.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.
≥ 90	91.6	93.1	93.5	93.8	94.2	94.5	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.
≥ 80	91.9	93.4	93.9	94.4	94.8	95.1	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	96.
≥ 70	92.5	93.9	94.5	94.9	95.4	95.7	95.8	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.
≥ 60	93.1	94.7	95.2	95.7	96.1	96.4	96.5	96.5	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.
≥ 50	93.1	94.7	95.4	95.8	96.2	96.5	96.7	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.
≥ 40	93.5	95.1	96.1	97.0	97.4	97.7	97.8	97.8	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.
≥ 30	93.7	95.2	96.4	97.3	97.7	98.1	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.
≥ 20	93.7	95.2	96.4	97.3	97.8	98.3	98.6	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.
≥ 10	93.7	95.2	96.4	97.3	97.8	98.3	98.6	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.
≥ 0	93.7	95.2	96.4	97.3	97.8	98.3	98.6	98.6	98.6	99.1	99.4	99.4	99.4	99.4	99.4	100.

TOTAL NUMBER OF OBSERVATIONS 60

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142
STATION

EDMONTON IAP CN
STATION NAME

74-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥3
NO CEILING ≥ 20000	59.6 63.2	59.6 63.8	59.6 63.8	59.8 64.0	59.8 64.0	59.8 64.0	59.8 64.0	59.9 64.1	59.9 64.1	59.9 64.1	60.1 64.3	60.1 64.3	60.1 64.3	60.1 64.3	60.1 64.3	60.1 64.3
≥ 18000 ≥ 6700	63.2 63.8	63.8 63.8	63.8 63.8	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.1 64.1	64.1 64.1	64.1 64.1	64.3 64.3	64.3 64.3	64.3 64.3	64.3 64.3	64.3 64.3	64.3 64.3
≥ 14000 ≥ 12000	65.1 66.6	65.3 66.7	65.3 66.7	65.4 66.9	65.4 66.9	65.4 66.9	65.4 66.9	65.6 67.0	65.6 67.0	65.6 67.0	65.7 67.1	65.7 67.1	65.7 67.1	65.7 67.1	65.7 67.1	65.7 67.1
≥ 10000 ≥ 9000	68.3 71.2	68.5 71.3	68.5 71.3	68.6 71.5	68.6 71.5	68.6 71.5	68.6 71.5	68.7 71.6	68.7 71.6	68.7 71.6	68.9 71.8	68.9 71.8	68.9 71.8	68.9 71.8	68.9 71.8	68.9 71.8
≥ 8000 ≥ 7000	73.7 75.8	73.8 76.0	73.8 76.0	74.0 76.1	74.0 76.1	74.0 76.1	74.0 76.1	74.1 76.3	74.1 76.3	74.1 76.3	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4	74.2 76.4
≥ 6000 ≥ 5000	77.4 80.5	77.6 80.6	77.6 80.6	77.7 80.8	77.7 80.8	77.7 80.8	77.7 80.8	77.9 80.9	77.9 80.9	77.9 80.9	78.0 81.0	78.0 81.0	78.0 81.0	78.0 81.0	78.0 81.0	78.0 81.0
≥ 4500 ≥ 4000	81.2 82.2	81.2 82.5	81.2 82.5	81.5 82.8	81.5 82.8	81.5 82.8	81.5 82.8	81.6 82.9	81.6 82.9	81.6 82.9	81.8 83.1	81.8 83.1	81.8 83.1	81.8 83.1	81.8 83.1	81.8 83.1
≥ 3500 ≥ 3000	83.6 86.3	84.1 86.8	84.1 86.8	84.4 87.1	84.4 87.3	84.4 87.3	84.4 87.3	84.5 87.6	84.7 87.7	84.7 87.7	84.7 87.7	84.8 87.8	84.8 87.8	84.8 87.8	84.8 87.8	84.8 87.8
≥ 2500 ≥ 2000	87.8 89.9	88.4 89.4	88.4 89.4	88.9 90.0	88.9 90.0	88.9 90.0	88.9 90.0	89.3 90.4	89.4 90.4	89.4 90.4	89.4 90.6	89.6 90.6	89.6 90.6	89.6 90.6	89.6 90.6	89.6 90.6
≥ 1800 ≥ 1500	89.0 89.9	89.7 90.6	89.7 90.6	90.2 91.0	90.4 91.3	90.4 91.3	90.4 91.3	90.7 91.6	90.9 91.8	90.9 91.8	90.9 91.8	91.7 91.9	91.7 91.9	91.7 91.9	91.7 91.9	91.7 91.9
≥ 1200 ≥ 1000	90.7 91.7	91.6 92.0	91.6 92.0	92.2 92.8	92.8 93.3	92.8 93.3	92.8 93.3	93.1 94.1	93.6 94.6	93.6 94.6	93.8 94.8	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9	93.9 94.9
≥ 900 ≥ 800	91.2 91.8	92.3 92.9	92.3 92.9	93.1 93.6	93.6 94.2	93.6 94.2	93.6 94.2	94.4 94.9	94.9 95.5	94.9 95.5	95.1 95.7	95.2 95.9	95.2 95.9	95.2 95.9	95.2 95.9	95.2 95.9
≥ 700 ≥ 600	92.0 92.6	93.6 94.4	93.6 94.4	94.4 95.1	94.9 95.7	94.9 95.7	94.9 95.7	96.2 97.0	96.2 97.0	96.2 97.0	96.4 97.1	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4	96.7 97.4
≥ 500 ≥ 400	92.8 92.9	94.5 94.6	94.5 94.6	95.4 95.5	96.1 96.2	96.2 96.4	96.2 96.4	97.4 97.5	97.4 97.5	97.4 97.5	97.5 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1	98.0 98.1
≥ 300 ≥ 200	93.2 93.2	94.9 95.1	94.9 95.1	95.8 95.9	96.5 96.7	96.5 96.7	96.5 96.7	97.3 97.4	97.8 98.0	97.8 98.0	98.0 98.3	98.4 98.7	98.4 98.8	98.4 99.0	98.4 99.0	98.4 99.0
≥ 100 0	93.2 93.2	95.1 95.1	95.1 95.1	95.9 95.9	96.7 96.7	96.7 96.8	96.7 96.8	97.4 97.4	98.3 98.3	98.3 98.3	98.6 99.0	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1

TOTAL NUMBER OF OBSERVATIONS 601

ALPINE CLIMATOLOGY BRANCH
 ALPINE STAC
 ALPINE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

APW

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	51.7	53.6	53.9	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	55.0	55.4	55.5
≥ 20000	58.5	60.3	60.9	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.4	62.5
≥ 18000	58.5	60.3	60.9	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.4	62.5
≥ 16000	58.7	60.6	61.2	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.7	62.8
≥ 14000	59.5	61.4	62.1	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	63.4	63.6
≥ 12000	62.4	64.3	64.9	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.9	66.3	66.5
≥ 10000	66.3	68.2	68.8	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8	70.3	70.4
≥ 9000	69.4	71.3	72.0	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.1	73.5	73.6
≥ 8000	71.3	73.3	74.1	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.5	75.7
≥ 7000	73.9	75.9	76.7	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7	78.1	78.3
≥ 6000	74.3	76.4	77.1	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.1	78.6	78.7
≥ 5000	76.1	78.1	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	80.3	80.5
≥ 4500	76.5	78.6	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.8	80.9
≥ 4000	77.1	79.0	79.7	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8	81.2	81.3
≥ 3500	77.8	80.2	80.9	81.3	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.5	82.7
≥ 3000	79.2	81.5	82.2	82.6	83.1	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	84.1	84.5	84.7
≥ 2500	80.2	82.5	83.2	84.1	84.4	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.6	86.0	86.2
≥ 2000	81.0	83.5	84.4	85.3	85.6	85.6	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.9	87.3	87.5
≥ 1800	81.3	83.8	84.7	85.6	86.0	86.0	86.4	86.9	86.9	87.0	87.0	87.0	87.0	87.3	87.8	87.9
≥ 1500	82.2	84.7	85.7	86.6	87.0	87.0	87.5	87.9	87.9	88.0	88.0	88.0	88.0	88.3	88.8	88.9
≥ 1200	83.2	86.2	87.2	88.0	88.6	88.6	89.1	89.7	89.8	90.2	90.2	90.2	90.2	90.5	91.0	91.1
≥ 1000	83.7	86.6	87.6	88.9	89.5	89.5	90.2	90.8	91.0	92.0	92.0	92.0	92.0	92.3	92.7	92.9
≥ 900	84.1	87.0	88.0	89.4	89.9	90.2	90.7	91.3	91.4	92.4	92.4	92.4	92.4	92.7	93.1	93.3
≥ 800	84.7	87.8	88.9	90.4	91.0	91.5	92.0	92.6	92.7	93.7	93.7	93.7	93.9	94.2	94.6	94.8
≥ 700	85.3	88.3	89.7	91.1	91.7	92.3	92.7	93.4	93.6	94.6	94.8	94.8	94.9	95.2	95.6	95.8
≥ 600	85.9	89.2	90.7	92.3	92.9	93.4	93.9	94.6	94.8	95.9	96.1	96.1	96.2	96.5	96.9	97.1
≥ 500	86.3	89.7	91.3	93.1	93.7	94.3	94.8	95.5	95.6	96.8	96.9	96.9	97.1	97.4	97.8	98.1
≥ 400	86.3	89.7	91.3	93.1	93.7	94.3	94.8	95.5	95.6	96.8	96.9	96.9	97.2	97.5	98.0	98.1
≥ 300	86.3	89.7	91.3	93.1	93.7	94.3	94.8	95.5	95.6	97.1	97.2	97.2	97.7	98.1	98.5	98.7
≥ 200	86.3	89.8	91.5	93.4	94.0	94.6	95.0	95.9	96.2	97.5	97.7	98.0	98.4	98.7	99.6	99.9
≥ 100	86.3	89.8	91.5	93.4	94.0	94.6	95.0	95.9	96.2	97.5	97.8	98.1	98.5	98.8	99.7	100.0
≥ 0	86.3	89.8	91.5	93.4	94.0	94.6	95.0	95.9	96.2	97.5	97.8	98.1	98.5	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 656

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

74-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0
≥ 20000	65.8	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7
≥ 18000	65.9	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
≥ 16000	65.2	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
≥ 14000	66.7	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6
≥ 12000	69.7	70.0	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 10000	70.3	71.6	71.9	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.7
≥ 9000	72.1	73.4	73.7	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4
≥ 8000	74.1	75.6	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
≥ 7000	76.3	77.8	78.1	78.2	78.4	78.4	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.9	78.9	78.9
≥ 6000	76.6	78.2	78.5	78.7	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.4	79.4	79.4
≥ 5000	77.0	78.7	78.9	79.1	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.8	79.8	79.8
≥ 4500	77.3	78.9	79.2	79.4	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	80.1	80.1	80.1
≥ 4000	77.8	79.4	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.6	80.6	80.6
≥ 3500	78.1	79.7	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	81.0	81.0	81.0
≥ 3000	78.4	80.0	80.4	80.8	81.0	81.0	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.9	81.9	81.9
≥ 2500	79.7	81.3	81.7	82.2	82.5	82.5	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.3
≥ 2000	80.6	82.3	82.7	83.2	83.8	83.9	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.9	84.9	84.9
≥ 1800	81.1	82.9	83.3	83.8	84.4	84.5	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.5	85.5	85.5
≥ 1500	82.6	84.4	84.9	85.5	86.1	86.4	86.8	87.3	87.6	87.7	87.7	87.7	87.7	88.0	88.0	88.0
≥ 1200	83.6	85.5	86.3	86.8	87.6	87.9	88.3	88.7	89.0	89.2	89.2	89.2	89.2	89.5	89.5	89.5
≥ 1000	84.6	86.7	87.6	88.5	89.3	89.6	90.1	90.5	90.8	90.9	91.1	91.1	91.1	91.4	91.4	91.4
≥ 900	85.5	87.7	88.9	89.9	90.8	91.2	91.7	92.1	92.4	92.5	92.7	92.7	92.7	93.0	93.0	93.0
≥ 800	87.0	89.3	90.5	91.8	92.7	93.1	93.6	94.0	94.3	94.4	94.9	94.9	95.0	95.3	95.3	95.3
≥ 700	87.4	89.9	91.1	92.4	93.3	93.7	94.2	94.6	94.9	95.0	95.6	95.6	95.8	96.1	96.1	96.1
≥ 600	87.7	90.5	91.8	93.1	94.0	94.4	94.9	95.3	95.6	95.8	96.3	96.3	96.5	96.8	96.8	96.8
≥ 500	88.2	90.9	92.4	94.2	95.2	95.6	96.1	96.6	96.9	97.1	97.7	97.7	97.8	98.1	98.1	98.1
≥ 400	88.2	91.1	92.5	94.3	95.3	95.8	96.2	96.9	97.2	97.4	98.0	98.0	98.1	98.4	98.4	98.4
≥ 300	88.2	91.1	92.5	94.4	95.5	95.9	96.5	97.5	97.8	98.1	98.8	98.8	99.0	99.6	99.6	99.6
≥ 200	88.2	91.1	92.5	94.4	95.5	95.9	96.6	97.8	98.1	98.5	99.3	99.3	99.4	100.0	100.0	100.0
≥ 100	88.2	91.1	92.5	94.4	95.5	95.9	96.6	97.8	98.1	98.5	99.3	99.3	99.4	100.0	100.0	100.0
≥ 0	88.2	91.1	92.5	94.4	95.5	95.9	96.6	97.8	98.1	98.5	99.3	99.3	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 684

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

74-81

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.5	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	64.3	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	64.3	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	64.3	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	64.3	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	67.4	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 10000	68.8	69.4	69.6	69.6	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	70.6	71.2	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	72.0	72.8	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	73.2	73.9	74.1	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	73.5	74.2	74.3	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	75.9	76.8	77.0	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	77.1	78.0	78.1	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	78.6	79.4	79.6	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	80.9	81.9	82.0	82.6	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	82.3	83.3	83.5	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	83.3	84.3	84.6	85.5	85.8	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	85.4	86.4	86.7	87.7	88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	86.2	87.4	87.8	88.8	89.1	89.3	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	87.1	88.4	88.8	89.9	90.1	90.3	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	88.6	90.0	90.6	91.6	91.9	92.0	92.5	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	89.1	90.9	91.4	92.5	92.8	92.9	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	89.6	91.7	92.3	93.5	93.8	93.9	94.3	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	90.1	92.6	93.2	94.5	95.4	95.5	95.9	96.5	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	90.1	92.8	93.5	94.8	95.7	95.8	96.2	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	90.7	93.6	94.5	95.9	96.8	97.0	97.4	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	90.7	93.9	94.8	96.2	97.1	97.2	97.7	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	90.7	94.1	94.9	96.4	97.4	97.5	98.0	98.6	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	90.7	94.3	95.4	97.0	98.0	98.1	98.6	99.1	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.9	94.5	95.5	97.1	98.1	98.3	98.7	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.9	94.5	95.5	97.1	98.1	98.3	98.7	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.9	94.5	95.5	97.1	98.1	98.3	98.7	99.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 607

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	53.5	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	68.6	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	68.6	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	69.3	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	70.7	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	71.8	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	73.5	73.9	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	74.4	74.8	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	75.5	76.2	76.6	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	76.3	77.1	77.5	77.6	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	77.8	78.5	78.9	79.0	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	78.8	79.5	79.9	80.0	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	79.6	80.3	80.7	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	82.4	83.1	83.7	83.9	84.1	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	84.3	85.0	85.6	85.8	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	85.1	86.0	86.5	86.8	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	87.0	87.8	88.4	89.0	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	87.5	88.4	89.0	89.7	89.9	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	88.1	89.1	89.7	90.4	90.7	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	88.7	89.9	90.5	91.5	91.8	91.9	92.2	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	89.2	90.7	91.4	92.4	92.6	92.8	93.1	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	90.1	91.5	92.4	93.3	93.6	93.8	94.1	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	90.8	92.4	93.2	94.2	94.5	94.6	95.0	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	91.1	92.8	93.6	94.6	95.0	95.2	95.6	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	91.6	93.3	94.2	95.2	95.8	95.9	96.3	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 600	92.2	94.2	95.0	96.1	96.9	97.0	97.5	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	92.4	94.5	95.3	96.7	97.5	97.7	98.3	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	92.4	94.6	95.6	97.0	97.7	98.0	98.6	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	94.8	95.8	97.0	97.7	98.0	98.6	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	94.8	95.8	97.0	97.7	98.0	98.6	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	94.8	95.8	97.0	97.7	98.0	98.6	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	92.4	94.8	95.8	97.0	97.7	98.0	98.6	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 706

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	66.2	67.3	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	66.9	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	67.8	68.6	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	69.6	70.5	70.5	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	71.6	72.8	72.8	72.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	73.9	74.6	74.6	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	74.5	75.6	75.6	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	76.9	78.0	78.0	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	78.3	79.5	79.5	79.7	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	79.7	80.0	80.0	80.3	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	79.7	81.0	81.0	81.6	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	80.7	82.0	82.0	82.6	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	82.0	83.3	83.3	83.9	83.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	82.9	84.2	84.3	84.9	84.9	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	84.3	85.6	85.7	86.3	86.3	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	84.9	86.2	86.3	86.9	86.9	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	86.2	87.9	88.0	88.6	88.6	89.0	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	86.6	88.3	88.4	89.0	89.2	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	87.4	89.2	89.4	90.3	90.4	90.9	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	87.9	89.6	89.9	90.9	91.0	91.4	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	88.7	90.0	90.3	91.3	91.6	92.0	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	88.7	90.9	91.2	92.3	92.9	93.3	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	89.7	92.0	92.3	93.4	94.0	94.4	95.6	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	90.4	93.2	93.4	94.6	95.1	95.6	96.7	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	91.4	94.2	94.4	95.6	96.1	96.6	97.7	97.9	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	91.9	94.6	94.9	96.0	96.6	97.0	98.3	98.4	98.4	99.0	99.1	99.3	99.4	99.6	99.6	99.6
≥ 400	92.0	94.7	95.0	96.1	96.7	97.1	98.6	98.9	98.9	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 300	92.0	94.7	95.0	96.1	96.7	97.1	98.6	98.9	98.9	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 200	92.0	94.7	95.0	96.1	96.7	97.1	98.6	98.9	98.9	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 100	92.0	94.7	95.0	96.1	96.7	97.1	98.6	98.9	98.9	99.4	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	92.0	94.7	95.0	96.1	96.7	97.1	98.6	98.9	98.9	99.4	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8
≥ 20000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 18000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 16000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8
≥ 14000	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3
≥ 12000	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
≥ 10000	71.9	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 9000	73.9	73.9	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 8000	75.1	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7
≥ 7000	78.6	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2
≥ 6000	78.9	78.9	79.3	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 5000	80.3	80.6	80.8	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7
≥ 4500	81.5	81.8	82.0	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 4000	82.7	83.0	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0
≥ 3500	83.7	84.0	84.1	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 3000	85.3	85.6	85.7	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 2500	86.5	87.0	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1
≥ 2000	88.4	88.9	89.1	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1800	88.8	89.4	89.5	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7
≥ 1500	89.8	90.7	90.8	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 1200	90.8	92.0	92.1	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2
≥ 1000	91.3	92.7	92.9	93.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 900	91.4	93.0	93.2	93.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5
≥ 800	91.6	93.2	93.3	94.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 700	91.8	93.4	93.6	94.5	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.4	96.4	96.4
≥ 600	92.4	94.0	94.2	95.1	96.4	96.5	96.5	96.7	96.7	97.1	97.2	97.2	97.4	97.4	97.4	97.4
≥ 500	92.9	94.6	94.9	95.8	97.4	97.5	97.7	97.8	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7
≥ 400	92.9	94.6	95.1	96.1	97.7	97.8	98.0	98.1	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0
≥ 300	92.9	94.8	95.3	96.4	98.0	98.3	98.4	98.5	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 200	92.9	94.8	95.3	96.4	98.0	98.3	98.4	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	92.9	94.8	95.3	96.4	98.0	98.3	98.5	98.8	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9
≥ 0	92.9	94.8	95.3	96.4	98.0	98.3	98.5	98.8	99.0	99.4	99.6	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING	56.4	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥ 20000	65.0	65.6	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.2
≥ 18000	65.1	65.7	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3
≥ 16000	65.4	66.1	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7
≥ 14000	66.5	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 12000	69.7	69.3	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0
≥ 10000	70.7	71.3	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.1	72.1
≥ 9000	72.4	73.1	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9	73.9
≥ 8000	74.2	75.0	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9	75.9
≥ 7000	76.3	77.0	77.3	77.5	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	78.0	78.0
≥ 6000	77.0	77.8	78.0	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.8	78.8
≥ 5000	78.6	79.5	79.8	80.1	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.7
≥ 4500	79.4	80.3	80.6	80.9	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.5
≥ 4000	80.7	81.6	81.9	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.8	82.8
≥ 3500	81.9	82.9	83.2	83.5	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.2
≥ 3000	83.4	84.5	84.8	85.2	85.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.0
≥ 2500	84.7	85.8	86.1	86.6	86.9	87.0	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 2000	85.8	87.0	87.4	88.0	88.3	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1
≥ 1800	86.4	87.6	88.0	88.6	88.9	89.1	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 1500	87.2	88.6	89.0	89.7	90.2	90.3	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.3	91.3
≥ 1200	88.2	89.7	90.2	91.0	91.5	91.6	92.0	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8
≥ 1000	88.7	90.4	90.9	91.6	92.4	92.6	93.0	93.4	93.4	93.8	93.8	93.8	93.8	93.9	94.0	94.0
≥ 900	89.1	91.0	91.6	92.5	93.1	93.4	93.8	94.1	94.2	94.5	94.6	94.6	94.6	94.7	94.7	94.8
≥ 800	89.7	91.7	92.3	93.4	94.1	94.3	94.8	95.1	95.3	95.6	95.7	95.7	95.8	95.9	95.9	96.0
≥ 700	90.2	92.3	93.0	94.0	94.7	95.0	95.4	95.8	95.9	96.3	96.5	96.5	96.5	96.6	96.7	96.7
≥ 600	90.8	93.1	93.8	94.9	95.6	95.8	96.4	96.7	96.8	97.3	97.5	97.5	97.5	97.6	97.7	97.7
≥ 500	91.0	93.4	94.2	95.4	96.2	96.5	97.0	97.5	97.6	98.0	98.3	98.3	98.4	98.5	98.5	98.6
≥ 400	91.1	93.6	94.4	95.7	96.5	96.8	97.4	97.8	98.0	98.4	98.6	98.7	98.8	98.9	98.9	99.0
≥ 300	91.2	93.7	94.6	95.9	96.7	97.1	97.6	98.1	98.3	98.7	99.0	99.0	99.2	99.3	99.4	99.4
≥ 200	91.2	93.8	94.6	96.0	96.8	97.2	97.7	98.3	98.4	99.0	99.2	99.3	99.5	99.6	99.7	99.8
≥ 100	91.2	93.8	94.6	96.0	96.8	97.2	97.8	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.9	100.0
≥ 0	91.2	93.8	94.6	96.0	96.8	97.2	97.8	98.4	98.5	99.0	99.3	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 553

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	55.7	55.8	56.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3
≥ 18000 ≥ 6000	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 14000 ≥ 12000	58.7	58.9	59.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3
≥ 10000 ≥ 9000	59.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6
≥ 8000 ≥ 7000	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5
≥ 6000 ≥ 5000	64.1	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 4500 ≥ 4000	65.9	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
≥ 3500 ≥ 3000	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
≥ 2500 ≥ 2000	73.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3
≥ 1800 ≥ 1500	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7
≥ 1200 ≥ 1000	80.5	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 900 ≥ 800	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8
≥ 700 ≥ 600	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9
≥ 500 ≥ 400	85.7	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 300 ≥ 200	87.3	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 100 ≥ 0	88.2	88.9	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 0	89.1	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 0	89.5	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5
≥ 0	90.5	91.6	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
≥ 0	90.9	92.2	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 0	91.9	93.7	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 0	92.8	94.6	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 0	93.0	94.8	95.5	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 0	93.3	95.0	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8
≥ 0	93.5	95.3	96.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4
≥ 0	93.5	95.6	96.4	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 0	93.7	95.7	96.6	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 0	93.7	96.6	97.4	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 0	93.7	96.6	97.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	93.7	96.6	97.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	93.7	96.6	97.4	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	56.7	56.8	57.1	57.1	57.4	57.4	57.5	57.8	57.8	58.0	58.1	58.1	58.1	58.2	58.4	58.4
≥ 18000	59.1	59.2	59.5	59.5	59.8	59.8	59.9	60.2	60.2	60.3	60.4	60.4	60.4	60.6	60.7	60.7
≥ 16000	59.1	59.2	59.5	59.5	59.8	59.8	59.9	60.2	60.2	60.3	60.4	60.4	60.4	60.6	60.7	60.7
≥ 14000	59.5	59.6	59.9	59.9	60.2	60.2	60.3	60.6	60.6	60.7	60.9	60.9	60.9	61.0	61.1	61.1
≥ 12000	62.0	62.1	62.4	62.4	62.7	62.7	62.8	63.1	63.1	63.2	63.3	63.3	63.3	63.5	63.6	63.6
≥ 10000	65.1	65.3	65.6	65.6	65.8	65.8	66.0	66.3	66.3	66.4	66.5	66.5	66.5	66.7	66.8	66.9
≥ 9000	66.8	66.9	67.2	67.2	67.5	67.5	67.6	67.9	67.9	68.0	68.2	68.2	68.2	68.3	68.5	68.6
≥ 8000	69.3	69.2	69.4	69.4	69.8	69.8	70.0	70.3	70.3	70.4	70.5	70.5	70.5	70.7	70.8	71.0
≥ 7000	73.4	73.6	73.9	73.9	74.3	74.3	74.4	74.7	74.7	74.8	75.0	75.0	75.0	75.1	75.2	75.4
≥ 6000	74.1	74.3	74.6	74.6	75.0	75.0	75.1	75.4	75.4	75.5	75.7	75.7	75.7	75.8	75.9	76.1
≥ 5000	77.9	78.0	78.3	78.3	78.7	78.7	78.8	79.1	79.1	79.3	79.4	79.4	79.4	79.7	79.8	80.1
≥ 4500	80.4	80.5	80.8	80.8	81.2	81.2	81.3	81.6	81.6	81.7	81.9	81.9	81.9	82.2	82.3	82.6
≥ 4000	82.4	82.8	83.1	83.3	83.7	83.7	83.8	84.1	84.1	84.2	84.4	84.4	84.4	84.6	84.8	85.1
≥ 3500	83.8	84.4	84.8	85.1	85.5	85.5	85.6	85.9	85.9	86.0	86.2	86.2	86.2	86.4	86.6	86.9
≥ 3000	84.8	85.6	86.0	86.3	86.7	86.7	86.9	87.1	87.1	87.3	87.4	87.4	87.4	87.7	87.8	88.1
≥ 2500	85.3	86.4	86.9	87.1	87.6	87.6	87.7	88.0	88.0	88.1	88.2	88.2	88.2	88.5	88.7	88.9
≥ 2000	87.0	88.1	88.5	88.8	89.2	89.2	89.3	89.6	89.6	89.8	89.9	89.9	89.9	90.2	90.3	90.6
≥ 1800	87.3	88.4	88.8	89.1	89.5	89.5	89.6	89.9	89.9	90.0	90.2	90.2	90.2	90.5	90.6	90.9
≥ 1500	88.3	89.2	89.8	90.2	90.6	90.6	90.7	91.0	91.0	91.1	91.3	91.3	91.3	91.6	91.7	92.0
≥ 1200	88.5	89.9	90.7	91.3	91.7	91.7	91.8	92.1	92.1	92.3	92.4	92.4	92.4	92.7	92.8	93.1
≥ 1000	89.3	90.9	91.7	92.4	92.8	92.8	92.9	93.2	93.2	93.4	93.5	93.5	93.5	93.8	93.9	94.2
≥ 900	89.5	91.0	91.8	92.5	92.9	92.9	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.9	94.1	94.3
≥ 800	89.5	91.3	92.1	92.9	93.4	93.4	93.5	93.8	93.8	93.9	94.1	94.1	94.1	94.3	94.5	94.7
≥ 700	90.2	92.1	93.1	94.1	94.5	94.5	94.6	94.9	94.9	95.0	95.2	95.2	95.2	95.4	95.6	95.9
≥ 600	91.1	93.2	94.2	95.2	95.6	95.6	95.7	96.0	96.0	96.1	96.3	96.3	96.3	96.5	96.7	97.0
≥ 500	91.3	93.5	94.6	95.6	96.0	96.0	96.1	96.5	96.5	96.7	96.8	96.8	96.8	97.1	97.2	97.5
≥ 400	91.3	94.2	95.3	96.3	96.7	96.8	97.0	97.5	97.5	97.6	97.8	97.8	97.8	98.1	98.3	98.6
≥ 300	91.6	94.6	95.9	97.0	97.4	97.5	97.6	98.2	98.2	98.3	98.5	98.5	98.5	98.8	99.0	99.3
≥ 200	91.6	94.6	95.9	97.2	97.8	97.9	98.1	98.6	98.6	98.9	99.0	99.0	99.0	99.3	99.6	99.9
≥ 100	91.6	94.6	95.9	97.2	97.8	97.9	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.7	100.0
≥ 0	91.6	94.6	95.9	97.2	97.8	97.9	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 723

CLIMATOLGY BRANCH
USAF ETAC
ATMOSPHERIC SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	50.6	50.6	50.6	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 18000	58.7	58.7	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.5
≥ 16000	58.7	58.7	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.5
≥ 14000	59.5	59.5	59.5	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.4
≥ 12000	62.2	62.2	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
≥ 10000	67.8	67.8	67.8	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.7
≥ 9000	69.3	69.3	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.1
≥ 8000	71.4	71.4	71.4	71.8	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.8
≥ 7000	74.3	74.3	74.3	74.8	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 6000	75.9	75.9	75.9	75.9	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.9
≥ 5000	79.1	76.3	78.3	78.7	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.8
≥ 4500	79.5	79.8	79.8	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.4
≥ 4000	79.8	80.3	80.3	80.7	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.8
≥ 3500	80.4	80.8	81.0	81.4	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.8
≥ 3000	81.2	81.7	81.8	82.2	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6
≥ 2500	82.4	82.9	83.1	83.5	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	85.0
≥ 2000	84.1	84.6	84.8	85.2	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.7
≥ 1800	84.5	85.0	85.2	85.6	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	87.3
≥ 1500	86.2	87.0	87.2	88.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.7
≥ 1200	87.3	88.6	88.7	89.8	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.7
≥ 1000	88.2	89.7	89.8	91.0	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	93.2
≥ 900	88.7	90.3	90.4	91.5	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.5
≥ 800	88.7	90.4	90.6	92.0	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	94.2
≥ 700	89.1	91.1	91.3	92.8	93.9	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.5
≥ 600	89.8	92.2	92.5	94.1	95.2	95.6	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	97.2
≥ 500	89.8	92.4	92.8	94.4	95.6	96.1	96.3	96.6	96.6	96.6	96.6	96.8	96.8	96.9	96.9	97.7
≥ 400	89.8	92.5	92.9	94.5	96.1	96.5	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.3	97.3	98.2
≥ 300	89.8	92.5	93.2	94.8	96.5	96.9	97.5	98.0	98.0	98.0	98.0	98.2	98.2	98.3	98.3	99.3
≥ 200	89.8	92.5	93.2	94.8	96.5	96.9	97.6	98.2	98.2	98.2	98.2	98.3	98.3	98.7	98.7	99.9
≥ 100	89.8	92.5	93.2	94.8	96.5	96.9	97.6	98.2	98.2	98.2	98.2	98.4	98.4	98.9	98.9	99.2
≥ 0	89.8	92.5	93.2	94.8	96.5	96.9	97.6	98.2	98.2	98.2	98.2	98.4	98.4	98.9	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 709

2
GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
≥ 3500	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9
≥ 3000	78.6	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
≥ 2500	80.1	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3
≥ 2000	83.2	84.2	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2
≥ 1800	84.3	85.5	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 1500	86.3	87.7	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥ 1200	88.7	89.7	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 1000	89.7	91.0	92.2	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 900	90.1	91.7	93.0	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 800	90.8	92.4	93.7	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0
≥ 700	91.0	92.7	94.1	94.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 600	91.7	93.7	95.4	96.2	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 500	91.9	94.0	95.7	96.6	97.9	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5
≥ 400	91.9	94.3	95.9	97.1	98.3	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 300	91.9	94.3	95.9	97.1	98.3	98.5	98.6	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6
≥ 200	91.9	94.3	95.9	97.1	98.3	98.6	98.7	99.3	99.4	99.4	99.4	99.7	99.7	99.9	99.9	100.0
≥ 100	91.9	94.3	95.9	97.1	98.3	98.6	98.7	99.3	99.4	99.4	99.4	99.7	99.7	99.9	99.9	100.0
≥ 0	91.9	94.3	95.9	97.1	98.3	98.6	98.7	99.3	99.4	99.4	99.4	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 715

2
FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 27000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 15000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4500	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	88.7	88.7	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	89.5	89.5	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	90.9	90.9	91.1	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	91.9	91.9	92.2	92.6	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	93.1	93.5	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	94.1	94.6	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	94.8	95.3	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	95.2	96.2	97.2	98.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	95.2	96.2	97.3	98.3	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	95.2	96.3	97.5	98.6	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	95.2	96.5	97.7	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.2	96.5	97.7	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.2	96.5	97.7	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.2	96.5	97.7	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.2	96.5	97.7	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

4AY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	41.5	41.5	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥2000	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥1800	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥1600	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥1400	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1200	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥1000	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥900	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥800	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥700	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥600	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥500	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥450	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥400	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥350	83.9	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥300	87.1	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥250	89.7	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥200	91.9	93.0	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥180	92.6	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥150	93.1	94.4	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥120	93.1	94.5	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥100	93.4	95.1	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥90	93.5	95.2	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥80	94.1	95.6	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥70	94.4	96.3	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥60	94.4	96.4	97.1	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥50	94.4	96.7	97.4	98.1	98.6	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥40	94.5	96.8	97.5	98.2	98.8	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥30	94.5	96.8	97.5	98.2	98.8	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥20	94.5	96.8	97.5	98.2	98.8	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥10	94.5	96.8	97.5	98.2	98.8	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	94.5	96.8	97.5	98.2	98.8	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥3
NO CEILING ≥ 20000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 9000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 7000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 6000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4500	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3500	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2500	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 2000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1800	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1500	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1200	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 1000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 900	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 800	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 700	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 600	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 500	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 400	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 300	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 200	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 100	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0

TOTAL NUMBER OF OBSERVATIONS 714

CLIMAT. CLIMATOLOGY BRANCH
USAF ETAC
AD. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	¾
NO CEILING ≥ 20000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000 ≥ 6000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000 ≥ 12000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000 ≥ 9000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000 ≥ 7000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000 ≥ 5000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500 ≥ 4000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500 ≥ 3000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500 ≥ 2000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800 ≥ 1500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200 ≥ 1000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 900 ≥ 800	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 700 ≥ 600	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 500 ≥ 400	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 300 ≥ 200	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 100 0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8
≥ 20000	58.1	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 18000	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6
≥ 16000	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
≥ 14000	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 12000	61.1	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 10000	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8
≥ 9000	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 8000	69.0	69.2	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 7000	72.3	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 6000	74.2	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9
≥ 5000	77.9	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7
≥ 4500	79.8	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 4000	81.5	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.5
≥ 3500	82.9	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0
≥ 3000	85.7	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.4
≥ 2500	86.5	87.2	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.1
≥ 2000	88.1	89.1	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0
≥ 1800	88.7	89.7	90.0	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.8
≥ 1500	89.8	91.0	91.4	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.4
≥ 1200	90.5	91.8	92.4	92.8	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.6
≥ 1000	91.4	92.9	93.4	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.9
≥ 900	91.9	93.5	94.0	94.6	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.5
≥ 800	92.2	93.8	94.4	95.1	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1
≥ 700	92.5	94.3	94.9	95.7	96.3	96.4	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.0
≥ 600	92.9	94.8	95.6	96.5	97.2	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.1
≥ 500	92.9	95.7	95.8	96.8	97.6	97.8	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6
≥ 400	93.0	95.2	96.7	97.1	97.9	98.2	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.2
≥ 300	93.0	95.3	96.3	97.4	98.2	98.5	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7
≥ 200	93.0	95.3	96.3	97.5	98.3	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.8	100.0
≥ 100	93.0	95.3	96.3	97.5	98.3	98.6	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	93.0	95.3	96.3	97.5	98.3	98.6	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5741

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	53.6 57.7	54.5 58.8	54.5 58.8	54.6 58.9	54.9 59.2	55.2 59.5	55.5 59.8	55.8 60.1	55.8 60.1	55.9 60.2	55.9 60.2	55.9 60.2	55.9 60.2	55.9 60.2	55.9 60.2	55.9 60.2
≥ 18000 ≥ 6000	58.1 58.3	58.9 59.2	58.9 59.2	59.1 59.3	59.3 59.6	59.6 59.9	59.9 60.2	60.2 60.5	60.2 60.5	60.3 60.5	60.3 60.6	60.3 60.6	60.3 60.6	60.3 60.6	60.3 60.6	60.3 60.6
≥ 14000 ≥ 2000	58.8 61.6	59.6 62.5	59.6 62.5	59.8 62.6	60.1 62.9	60.3 63.2	60.6 63.5	60.9 63.8	60.9 63.8	61.1 63.9	61.1 63.9	61.1 63.9	61.1 63.9	61.1 63.9	61.1 63.9	61.1 63.9
≥ 10000 ≥ 9000	67.2 69.5	68.5 70.9	68.5 70.9	68.6 71.0	68.9 71.3	69.2 71.6	69.5 71.9	69.8 72.2	69.8 72.2	69.9 72.3	69.9 72.3	69.9 72.3	69.9 72.3	69.9 72.3	69.9 72.3	69.9 72.3
≥ 8000 ≥ 7000	71.2 74.3	72.6 75.9	72.6 75.9	72.8 76.0	73.0 76.3	73.3 76.6	73.6 76.9	73.9 77.2	73.9 77.2	74.2 77.5	74.2 77.5	74.2 77.5	74.2 77.5	74.2 77.5	74.2 77.5	74.2 77.5
≥ 6000 ≥ 5000	75.3 78.7	76.9 79.7	76.9 79.9	77.0 80.0	77.3 80.5	77.6 80.7	77.9 81.0	78.2 81.3	78.2 81.3	78.5 81.6	78.5 81.6	78.5 81.6	78.5 81.6	78.5 81.6	78.5 81.6	78.5 81.6
≥ 4500 ≥ 4000	80.7 83.3	82.5 85.0	82.6 85.2	82.7 85.3	83.2 85.7	83.5 86.0	83.7 86.3	84.0 86.6	84.0 86.6	84.3 86.9	84.3 86.9	84.3 86.9	84.3 86.9	84.3 86.9	84.3 86.9	84.3 86.9
≥ 3500 ≥ 3000	84.9 85.4	86.9 87.7	87.2 88.0	87.3 88.2	87.7 88.6	88.3 88.9	88.3 89.2	88.6 89.4	88.6 89.4	88.9 89.7	88.9 89.7	88.9 89.7	88.9 89.7	88.9 89.7	88.9 89.7	88.9 89.7
≥ 2500 ≥ 2000	86.6 87.6	88.9 90.0	89.2 90.3	89.3 90.6	89.7 91.0	90.0 91.3	90.3 91.6	90.6 91.9	90.6 91.9	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.3
≥ 1800 ≥ 1500	87.9 88.9	90.3 91.3	90.6 91.6	90.9 92.0	91.3 92.6	91.6 92.9	91.9 93.2	92.2 93.4	92.2 93.4	92.4 93.7	92.4 93.7	92.4 93.7	92.4 93.7	92.4 93.7	92.4 93.7	92.6 93.9
≥ 1200 ≥ 1000	89.7 90.0	92.6 93.2	92.9 93.9	93.3 94.3	93.9 94.9	94.2 95.1	94.4 95.4	94.7 95.7	94.7 95.7	95.0 96.0	95.0 96.0	95.0 96.0	95.0 96.0	95.0 96.0	95.0 96.0	95.1 96.1
≥ 900 ≥ 800	90.4 90.7	93.7 94.2	94.4 94.9	94.9 95.4	95.4 96.0	95.7 96.3	96.0 96.6	96.3 96.9	96.3 96.9	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.7 97.3
≥ 700 ≥ 600	90.9 91.0	94.4 94.6	95.3 95.7	95.9 96.3	96.4 96.9	96.7 97.1	97.0 97.4	97.3 97.7	97.3 97.7	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.6 98.0	97.7 98.1
≥ 500 ≥ 400	91.3 91.3	95.1 95.3	96.3 96.4	96.9 97.1	97.6 97.9	97.9 98.1	98.4 98.7	98.7 99.0	98.7 99.0	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.0 99.3	99.1 99.4
≥ 300 ≥ 200	91.4 91.4	95.6 95.6	96.7 96.7	97.4 97.4	98.1 98.1	98.4 98.4	99.0 99.0	99.3 99.3	99.3 99.3	99.6 99.6	99.6 99.6	99.6 99.7	99.6 99.7	99.7 99.7	99.7 99.7	99.9 100.0
≥ 100 ≥ 0	91.4 91.4	95.6 95.6	96.7 96.7	97.4 97.4	98.1 98.1	98.4 98.4	99.0 99.0	99.3 99.3	99.3 99.3	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 701

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
≥ 20000	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
≥ 18000	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
≥ 16000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 14000	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 12000	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
≥ 10000	70.0	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0
≥ 9000	71.8	72.9	72.9	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6
≥ 8000	74.7	75.9	75.9	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 7000	77.5	78.8	78.8	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 6000	79.1	79.4	79.4	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 5000	79.5	80.8	80.8	81.0	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
≥ 4500	80.3	81.6	81.6	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 4000	81.9	83.2	83.2	83.3	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 3500	83.0	84.3	84.3	84.5	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 3000	84.2	85.5	85.6	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8
≥ 2500	85.2	86.8	86.9	87.5	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 2000	85.8	87.5	87.7	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3
≥ 1800	86.6	88.7	89.0	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 1500	87.2	89.4	89.7	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 1200	88.1	90.7	91.1	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
≥ 1000	89.3	92.5	92.9	94.2	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 900	89.3	92.5	92.9	94.2	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 800	89.7	93.2	93.6	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 700	90.1	93.8	94.3	95.6	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 600	90.7	94.3	94.9	96.4	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.7	97.7
≥ 500	91.0	94.9	95.5	97.0	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7
≥ 400	91.0	95.1	95.6	97.1	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.8	99.1	99.1
≥ 300	91.1	95.2	96.1	97.5	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6
≥ 200	91.1	95.2	96.1	97.5	98.1	98.7	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.4	99.7	99.9
≥ 100	91.1	95.2	96.1	97.5	98.1	98.7	99.0	99.1	99.1	99.1	99.1	99.3	99.4	99.6	99.9	100.0
≥ 0	91.1	95.2	96.1	97.5	98.1	98.7	99.0	99.1	99.1	99.1	99.1	99.3	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	83.4	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	86.4	86.4	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	89.9	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	91.3	91.5	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	92.8	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	95.1	95.2	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	96.2	96.4	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.0	97.1	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.0	97.1	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	97.5	98.0	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.7	98.1	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.0	98.4	99.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.0	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.0	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.0	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	98.4	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 692

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	68.4	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	70.7	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	76.4	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	79.9	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	83.6	84.3	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	86.2	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	89.8	90.4	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	92.6	94.0	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	93.6	94.7	95.2	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	95.2	96.3	96.8	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.9	97.4	97.8	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	96.2	97.7	98.1	98.5	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	96.2	97.8	98.2	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.2	97.8	98.4	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	98.0	98.7	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	76.7	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	79.8	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	82.1	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	84.1	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	86.6	87.4	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	88.6	89.5	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	91.3	92.2	92.2	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	92.8	93.6	93.6	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	94.7	95.8	95.8	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	94.9	96.1	96.2	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	95.4	96.7	96.8	97.0	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	95.7	97.1	97.3	97.4	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.7	97.4	97.7	97.8	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.8	97.4	97.7	97.8	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.8	97.4	97.7	98.1	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.8	97.4	97.7	98.1	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.8	97.4	97.7	98.1	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 692

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 16000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 14000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 12000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 7000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 6000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 5000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 4500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 3000	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	94.9	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	95.2	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500	95.6	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	95.6	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	96.2	97.1	97.5	97.7	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	96.4	97.2	97.7	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	96.5	97.4	97.8	98.1	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	96.5	97.4	97.8	98.1	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	96.7	97.5	98.0	98.3	98.5	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.7	97.5	98.0	98.3	98.5	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	96.7	97.5	98.0	98.3	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.7	97.5	98.0	98.3	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.7	97.5	98.0	98.3	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.7	97.5	98.0	98.3	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.7	97.5	98.0	98.3	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
METAC
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	83.2	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	85.8	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	88.6	89.1	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	90.2	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	92.0	92.9	93.0	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	93.5	94.7	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	94.0	95.5	95.6	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	94.3	95.7	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	94.9	96.3	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	95.3	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	95.9	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	95.9	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	95.9	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	96.2	97.9	98.0	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	96.4	98.2	98.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.4	98.2	98.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.4	98.2	98.4	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	98.2	98.4	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	98.2	98.4	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	98.2	98.4	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	98.2	98.4	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 704

2
GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	53.5	53.7	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	60.6	60.8	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2
≥ 10000	69.1	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	71.6	72.0	72.0	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	73.5	74.3	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	76.5	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	77.9	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	80.8	81.4	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	82.6	83.4	83.5	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	85.2	85.9	86.0	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	86.5	87.4	87.5	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	88.2	89.2	89.4	89.6	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	89.6	91.0	91.2	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	91.3	92.6	93.0	93.3	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	91.9	93.4	93.7	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	92.7	94.4	94.6	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	93.4	95.3	95.6	96.1	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	94.0	96.1	96.5	96.9	97.2	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	94.1	96.3	96.7	97.1	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	94.3	96.5	96.9	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	94.4	96.6	97.1	97.9	98.3	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	94.6	97.0	97.6	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.7	97.2	97.8	98.5	98.9	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	94.7	97.3	97.9	98.6	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	94.7	97.3	97.9	98.6	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	94.7	97.3	97.9	98.6	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	94.7	97.3	97.9	98.6	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	94.7	97.3	97.9	98.6	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

555

USAF ETAC

FORM
JUL 54

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

73-85

JLL

STATION

STATION NAME

NAME _____

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-000

HOURS (1-57)

[illegible]TOTAL NUMBER OF OBSERVATIONS 7

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
40th WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

2-142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 2/3	≥ 1/2	≥ 1/4	≥ 0
NO CEILING ≥ 20000	59.3	63.4	67.4	60.8	61.2	61.2	61.4	61.4	61.4	61.4	61.9	61.9	61.9	61.9	61.9
≥ 18000	63.1	64.2	64.2	64.6	65.0	65.0	65.3	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7
IV 1600	63.5	64.6	64.6	65.0	65.4	65.4	65.7	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1
IV 1400	64.3	65.4	65.4	65.8	66.2	66.2	66.5	66.5	66.5	66.5	66.9	66.9	66.9	66.9	66.9
IV 1200	65.4	66.5	66.5	66.9	67.3	67.3	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0
IV 1000	70.0	71.1	71.1	71.5	71.9	71.9	72.2	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6
≥ 900	72.5	73.6	73.6	74.0	74.4	74.4	74.7	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1
≥ 800	76.0	77.2	77.2	77.7	78.2	78.2	78.5	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9
≥ 700	78.1	79.3	79.3	79.7	80.2	80.2	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9
≥ 600	79.4	80.7	80.7	81.1	81.6	81.6	81.9	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3
IV 5000	82.4	83.8	83.8	84.2	84.7	84.7	85.0	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4
IV 4500	83.4	84.7	84.7	85.1	85.7	85.7	86.0	86.0	86.0	86.0	86.4	86.4	86.4	86.4	86.4
IV 4000	84.2	85.6	85.6	86.0	86.5	86.5	86.8	86.8	86.8	86.8	87.2	87.2	87.2	87.2	87.2
IV 3500	85.7	87.3	87.3	87.7	88.3	88.3	88.6	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0
IV 3000	87.2	89.0	89.0	89.4	89.9	89.9	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.6	90.6
≥ 2500	88.7	90.7	90.7	91.1	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6
IV 2000	89.4	91.4	91.4	91.8	92.4	92.4	92.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3
≥ 1800	89.8	92.0	92.0	92.4	92.9	93.1	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9
IV 1500	90.6	92.8	92.8	93.3	93.9	94.0	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8
IV 1200	91.6	93.9	93.9	94.4	95.0	95.1	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9
IV 1000	91.8	94.3	94.3	94.8	95.4	95.4	95.9	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3
≥ 900	91.8	94.3	94.3	95.0	95.5	95.5	96.0	96.0	96.0	96.0	96.5	96.5	96.5	96.5	96.5
IV 800	92.2	94.7	94.7	95.4	96.0	96.2	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0
IV 700	92.5	95.0	95.0	95.6	96.5	96.6	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4
IV 600	92.9	95.4	95.5	96.3	97.1	97.3	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1
IV 500	93.2	95.6	96.0	96.9	97.8	98.0	98.4	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
IV 400	93.5	96.2	96.6	97.7	98.6	98.8	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
≥ 300	93.6	96.3	96.7	97.8	98.8	98.9	99.3	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9
IV 200	93.6	96.5	96.9	98.0	98.9	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IV 100	93.6	96.5	96.9	98.0	98.9	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IV 0	93.6	96.5	96.9	98.0	98.9	99.0	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

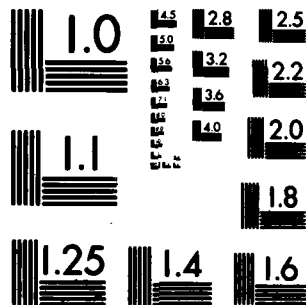
UNCLASSIFIED USAFETAC/DS-82/005

SBI-AD-E850 145

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3. 5

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	56.5	57.9	57.9	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	63.0	64.4	64.4	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	53.0	64.4	64.4	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	63.6	65.0	65.0	65.0	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	64.4	65.8	65.8	65.8	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	67.5	69.0	69.3	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	72.4	74.1	74.3	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	74.9	76.6	76.8	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	78.1	79.9	80.2	80.2	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	79.5	81.3	81.6	81.6	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	80.1	81.9	82.1	82.1	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	82.0	83.8	84.1	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	83.0	84.8	85.1	85.1	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	84.7	86.6	86.9	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	85.5	87.4	87.7	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	86.2	88.1	88.4	88.4	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	87.2	89.3	89.7	90.1	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	88.1	90.2	90.7	91.1	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	88.6	91.1	91.5	91.9	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	88.8	91.4	91.8	92.2	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	90.1	92.9	93.3	94.0	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	91.2	94.0	94.4	95.3	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	91.8	94.6	95.1	96.0	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	92.1	94.8	95.4	96.2	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	92.2	95.1	95.7	96.5	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	92.3	95.3	95.8	96.7	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	92.7	95.7	96.2	97.1	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	93.4	96.4	96.9	97.8	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.4	96.7	97.2	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.4	96.7	97.2	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.4	96.7	97.2	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.4	96.7	97.2	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥½	≥¼	≥0
NO CEILING	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	67.6	68.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	69.1	68.1	68.1
≥ 18000	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	68.5	69.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	78.9	79.4	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	78.9	79.9	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	80.7	81.7	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	81.5	82.5	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	82.7	83.6	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	83.2	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	85.0	86.4	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	86.6	88.1	88.3	88.5	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	88.7	90.3	90.5	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	89.1	90.8	90.9	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	90.5	92.2	92.3	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	92.4	94.1	94.4	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	93.4	95.5	95.9	96.5	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.4	95.8	96.4	96.9	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	94.1	96.6	97.3	97.9	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	94.7	97.3	98.0	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.8	97.6	98.3	99.0	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.8	97.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 715

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1235-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	85.2	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	87.4	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	88.6	88.7	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	91.6	91.9	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	92.9	93.3	93.4	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	93.9	94.4	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	95.3	96.0	96.1	96.5	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	95.7	96.5	96.7	97.1	97.2	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	95.8	96.8	97.1	97.5	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	95.8	96.8	97.1	97.5	97.6	97.6	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.0	97.2	97.5	97.9	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.1	97.5	97.8	98.2	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.1	97.5	97.8	98.2	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.1	97.5	97.8	98.2	99.0	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.1	97.5	97.8	98.3	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.1	97.5	97.8	98.3	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	97.5	97.8	98.3	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.1	97.5	97.8	98.3	99.2	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.9	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	66.5	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	66.8	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	67.0	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	69.0	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	73.0	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	75.2	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	76.6	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	78.4	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	79.4	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	86.5	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	88.6	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	90.5	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	91.9	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	93.9	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	94.6	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	95.1	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	95.5	96.7	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	96.0	97.2	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	96.1	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	96.4	97.6	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	96.8	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.9	98.6	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	88.2	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	90.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	91.9	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	92.9	94.5	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	93.6	95.4	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	94.0	95.9	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	94.1	96.1	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	94.5	96.5	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	94.8	96.8	97.3	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.0	96.9	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	95.2	97.2	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.4	97.3	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.2	98.2	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.2	98.2	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 714

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9500	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	83.7	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	88.1	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	89.7	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	92.7	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	93.6	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	93.9	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	94.4	95.5	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	94.7	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	94.8	96.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	95.0	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	95.7	96.8	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.8	96.9	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	96.0	97.2	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	96.1	97.4	97.8	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.2	97.5	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.2	97.5	98.2	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	98.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	59.1	59.7	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	65.7	66.2	66.2	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	65.8	66.3	66.3	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	66.1	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	66.6	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	69.0	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	72.9	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	75.1	75.7	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	77.9	78.5	78.6	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	80.0	80.7	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	81.1	81.8	81.8	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	84.0	84.7	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	85.0	85.8	85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	86.8	87.7	87.8	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	88.1	89.1	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	89.4	90.6	90.7	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	90.4	91.7	91.9	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	91.6	93.0	93.3	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	92.1	93.6	93.8	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	92.7	94.2	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	93.6	95.2	95.5	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	94.2	95.9	96.2	96.7	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	94.4	96.1	96.5	97.0	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	94.6	96.4	96.8	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.0	96.9	97.3	97.9	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	95.2	97.2	97.7	98.3	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	95.3	97.4	97.9	98.6	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.4	97.6	98.1	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.5	97.8	98.1	98.9	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.5	97.8	98.1	98.9	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.5	97.8	98.1	98.9	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.5	97.8	98.1	98.9	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.7	57.7
≥20000	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.8
≥18000	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.8
≥16000	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.8
≥14000	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.8	59.8
≥12000	60.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.6	61.6	61.7	61.7
≥10000	65.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.7	66.7
≥9000	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.4	71.4
≥8000	74.5	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.3	76.3
≥7000	78.4	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.2	80.2
≥6000	81.3	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8
≥5000	83.6	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.4	85.4
≥4500	85.2	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.1	87.1
≥4000	87.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.9	88.9	89.0	89.0
≥3500	88.1	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.2	90.2
≥3000	89.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	92.0	92.0
≥2500	90.3	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.9	92.9
≥2000	92.0	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.3	95.3
≥1800	92.2	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.6	95.6
≥1500	92.5	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.0
≥1200	93.1	95.8	96.1	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7	96.7	96.8	96.8
≥1000	93.6	96.4	96.7	96.7	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.4	97.4
≥900	93.8	96.5	96.8	96.8	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.5	97.5
≥800	94.0	96.9	97.2	97.2	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9	97.9
≥700	94.3	97.6	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.8	98.8
≥600	94.6	98.1	98.5	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.3
≥500	94.7	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥400	94.7	98.2	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
≥300	94.7	98.2	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥200	94.7	98.2	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥100	94.7	98.2	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥0	94.7	98.2	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	50.5	52.3	52.7	53.2	53.5	53.5	53.8	54.1	54.1	54.2	54.5	54.5	55.4	55.4	55.7	55.7
≥ 20000	53.1	54.9	55.3	55.9	56.1	56.1	56.6	56.8	56.8	57.0	57.2	57.2	58.2	58.2	58.5	58.6
≥ 18000	53.2	55.0	55.4	56.0	56.3	56.3	56.7	57.0	57.0	57.1	57.4	57.4	58.3	58.3	58.6	58.8
≥ 16000	53.2	55.0	55.6	56.1	56.4	56.4	56.8	57.1	57.1	57.2	57.5	57.5	58.5	58.5	58.8	58.9
≥ 14000	53.2	55.0	55.6	56.1	56.4	56.4	56.8	57.1	57.1	57.2	57.5	57.5	58.5	58.5	58.8	58.9
≥ 12000	54.3	56.3	57.0	57.5	57.8	57.8	58.2	58.5	58.5	58.6	58.9	58.9	59.9	59.9	60.3	60.4
≥ 10000	61.0	62.9	63.6	64.1	64.4	64.4	64.8	65.1	65.1	65.2	65.5	65.5	66.5	66.5	66.9	67.0
≥ 9000	54.7	66.6	67.3	67.9	68.1	68.1	68.6	68.8	68.8	69.0	69.2	69.2	70.2	70.2	70.6	70.8
≥ 8000	68.7	70.6	71.4	72.1	72.4	72.4	72.8	73.1	73.1	73.2	73.5	73.7	74.8	74.8	75.2	75.3
≥ 7000	71.9	74.1	74.9	75.6	75.9	75.9	76.3	76.6	76.6	76.7	77.0	77.1	78.2	78.2	78.6	78.8
≥ 6000	72.8	75.2	76.0	76.7	77.0	77.0	77.5	77.8	77.8	77.9	78.2	78.3	79.4	79.4	79.9	80.0
≥ 5000	75.2	77.7	78.5	79.2	79.4	79.4	80.0	80.3	80.3	80.4	80.7	80.8	81.9	81.9	82.5	82.6
≥ 4500	76.7	79.2	80.0	80.7	81.0	81.0	81.5	81.8	81.8	81.9	82.2	82.3	83.4	83.4	84.0	84.1
≥ 4000	78.5	81.1	81.9	82.6	82.9	83.0	83.6	83.9	83.9	84.0	84.3	84.4	85.5	85.5	86.1	86.2
≥ 3500	79.6	82.2	83.0	83.7	84.1	84.3	84.8	85.1	85.1	85.2	85.5	85.7	86.8	86.8	87.3	87.4
≥ 3000	81.8	84.4	85.2	85.9	86.5	86.6	87.2	87.4	87.4	87.6	87.9	88.0	89.1	89.1	89.7	89.8
≥ 2500	83.2	85.8	86.6	87.3	87.9	88.0	88.6	88.8	88.8	89.0	89.2	89.4	90.5	90.5	91.0	91.2
≥ 2000	84.7	87.4	88.3	89.0	89.5	89.7	90.2	90.5	90.5	90.6	90.9	91.0	92.1	92.1	92.7	92.8
≥ 1800	85.1	87.9	88.7	89.4	89.9	90.1	90.6	90.9	90.9	91.0	91.3	91.4	92.6	92.6	93.1	93.2
≥ 1500	85.8	88.6	89.4	90.2	90.8	90.9	91.4	91.7	91.7	91.9	92.1	92.3	93.4	93.4	93.9	94.1
≥ 1200	86.5	89.2	90.1	90.9	91.4	91.6	92.1	92.4	92.4	92.6	92.8	93.0	94.1	94.1	94.6	94.8
≥ 1000	86.6	89.4	90.2	91.0	91.6	91.7	92.3	92.6	92.6	92.7	93.0	93.1	94.2	94.2	94.8	94.9
≥ 900	87.2	90.1	90.9	91.7	92.3	92.4	93.0	93.2	93.2	93.4	93.7	93.8	94.9	94.9	95.4	95.6
≥ 800	87.6	90.9	91.7	92.6	93.1	93.2	93.8	94.1	94.1	94.2	94.5	94.6	95.7	95.7	96.3	96.4
≥ 700	87.9	91.2	92.0	92.8	93.4	93.5	94.1	94.3	94.3	94.5	94.8	94.9	96.0	96.0	96.6	96.7
≥ 600	88.1	91.6	92.7	93.7	94.2	94.3	94.9	95.2	95.2	95.3	95.6	95.7	96.8	96.8	97.4	97.5
≥ 500	88.1	91.7	93.1	94.2	94.8	94.9	95.4	95.7	95.7	95.9	96.1	96.3	97.4	97.4	97.9	98.1
≥ 400	88.1	92.0	93.4	94.5	95.0	95.3	96.0	96.3	96.3	96.4	96.7	96.8	97.9	97.9	98.5	98.6
≥ 300	88.3	92.1	93.5	94.6	95.2	95.4	96.1	96.4	96.4	96.6	96.8	97.0	98.1	98.1	98.6	98.8
≥ 200	88.3	92.1	93.5	94.6	95.3	95.6	96.3	96.6	96.6	96.7	97.0	97.1	98.3	98.3	99.0	99.6
≥ 100	88.3	92.1	93.5	94.6	95.6	95.9	96.6	96.8	96.8	97.0	97.2	97.4	98.6	98.6	99.3	99.9
≥ 0	88.3	92.1	93.5	94.6	95.6	95.9	96.6	96.8	96.8	97.0	97.2	97.4	98.6	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.1	49.0	49.9	50.8	51.5	51.5	51.7	51.7	51.7	51.8	52.1	52.1	52.2	52.2	52.4	52.4
≥ 20000	50.7	52.9	53.8	54.9	55.8	55.8	55.9	55.9	55.9	56.0	56.3	56.3	56.5	56.5	56.6	56.6
≥ 18000	50.7	52.9	53.8	54.9	55.8	55.8	55.9	55.9	55.9	56.0	56.3	56.3	56.5	56.5	56.6	56.6
≥ 16000	50.7	52.9	53.8	54.9	55.8	55.8	55.9	55.9	55.9	56.0	56.3	56.3	56.5	56.5	56.6	56.6
≥ 14000	51.4	53.7	54.5	55.6	56.5	56.5	56.6	56.6	56.6	56.7	57.0	57.0	57.2	57.2	57.3	57.3
≥ 12000	53.5	55.8	56.6	57.9	58.7	58.7	58.8	58.8	58.8	59.0	59.3	59.3	59.4	59.4	59.6	59.6
≥ 10000	57.9	60.1	61.0	62.2	63.3	63.3	63.5	63.5	63.5	63.8	64.0	64.0	64.2	64.2	64.5	64.6
≥ 9000	61.2	63.5	64.3	65.6	66.7	66.7	67.0	67.0	67.0	67.3	67.6	67.6	67.7	67.7	68.0	68.1
≥ 8000	63.5	66.7	67.6	69.0	70.1	70.1	70.4	70.4	70.4	70.6	70.9	70.9	71.1	71.1	71.3	71.5
≥ 7000	66.7	70.1	70.9	72.5	73.7	73.7	74.0	74.0	74.0	74.3	74.6	74.7	75.0	75.0	75.4	75.6
≥ 6000	67.3	70.6	71.5	73.3	74.6	74.6	74.9	74.9	74.9	75.1	75.4	75.6	75.8	75.8	76.3	76.4
≥ 5000	69.4	72.8	73.6	75.6	77.0	77.0	77.2	77.2	77.2	77.5	77.8	77.9	78.2	78.2	78.7	78.8
≥ 4500	70.6	74.2	75.0	77.0	78.4	78.4	78.7	78.7	78.7	78.9	79.2	79.4	79.6	79.6	80.1	80.2
≥ 4000	72.8	76.4	77.4	79.4	80.8	80.8	81.0	81.2	81.2	81.5	81.7	81.9	82.2	82.2	82.6	82.7
≥ 3500	73.7	77.4	78.4	80.3	81.7	81.7	82.0	82.2	82.2	82.4	82.7	82.9	83.1	83.1	83.6	83.7
≥ 3000	74.4	78.5	79.5	81.5	83.4	83.4	83.7	83.8	83.8	84.1	84.4	84.6	84.8	84.8	85.3	85.4
≥ 2500	75.4	79.6	80.8	82.7	84.7	84.7	85.0	85.1	85.1	85.4	85.7	85.8	86.1	86.1	86.5	86.7
≥ 2000	76.5	80.8	81.9	83.8	86.0	86.0	86.2	86.4	86.4	86.7	86.9	87.1	87.4	87.4	87.8	87.9
≥ 1800	77.0	81.3	82.4	84.4	86.5	86.7	86.9	87.1	87.1	87.4	87.6	87.8	88.1	88.1	88.5	88.6
≥ 1500	77.4	82.0	83.3	85.3	87.4	87.5	87.8	87.9	87.9	88.2	88.5	88.6	88.9	88.9	89.3	89.5
≥ 1200	78.8	83.4	84.8	86.8	88.9	89.0	89.3	89.5	89.5	89.7	90.0	90.2	90.4	90.4	90.9	91.0
≥ 1000	79.5	84.7	86.1	88.2	90.3	90.6	90.9	91.0	91.0	91.3	91.6	91.7	92.0	92.0	92.4	92.6
≥ 900	80.1	85.4	86.8	88.9	91.0	91.3	91.6	91.7	91.7	92.0	92.3	92.4	92.7	92.7	93.1	93.3
≥ 800	80.3	85.8	87.4	89.5	91.6	91.9	92.3	92.4	92.4	92.7	93.0	93.1	93.4	93.4	93.8	94.0
≥ 700	80.3	86.0	87.5	89.6	91.7	92.0	92.4	92.6	92.6	92.8	93.1	93.3	93.5	93.5	94.0	94.1
≥ 600	80.6	86.4	87.9	90.0	92.4	92.7	93.1	93.3	93.3	93.5	93.8	94.0	94.2	94.2	94.7	94.8
≥ 500	81.0	87.2	89.0	91.2	93.7	94.0	94.7	94.8	94.8	95.1	95.4	95.5	95.8	95.8	96.2	96.5
≥ 400	81.2	87.4	89.2	91.3	94.2	94.5	95.2	95.4	95.4	95.8	96.2	96.3	96.6	96.6	97.1	97.3
≥ 300	81.3	87.6	89.6	91.7	94.9	95.4	96.1	96.2	96.2	96.6	97.1	97.2	97.5	97.5	97.9	98.2
≥ 200	81.3	87.6	89.6	91.7	94.9	95.8	96.5	96.6	96.6	97.3	98.0	98.2	98.6	98.7	99.2	99.4
≥ 100	81.3	87.6	89.6	91.7	94.9	95.8	96.5	96.6	96.6	97.3	98.0	98.2	98.9	99.0	99.4	99.7
≥ 0	81.3	87.6	89.6	91.7	94.9	95.8	96.5	96.6	96.6	97.3	98.0	98.2	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	51.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000 ≥ 16000	56.3	57.5	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000 ≥ 12000	56.9	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000 ≥ 9000	57.2	58.5	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000 ≥ 7000	59.3	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000 ≥ 5000	63.5	64.9	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500 ≥ 4000	66.3	67.8	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500 ≥ 3000	68.9	70.7	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 2500 ≥ 2000	71.1	73.1	73.2	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800 ≥ 1500	71.8	73.9	74.3	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200 ≥ 1000	73.1	75.1	75.7	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 900 ≥ 800	74.3	76.4	77.2	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 700 ≥ 600	75.0	77.1	77.9	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 500 ≥ 400	75.3	77.4	78.2	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 300 ≥ 200	76.9	79.0	79.9	80.6	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 100 ≥ 0	78.1	80.6	81.5	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	81.5	84.3	85.3	86.0	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	82.2	85.0	86.0	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	83.9	86.7	87.9	88.6	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	86.3	89.3	90.6	91.3	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	87.2	90.8	92.1	93.1	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	87.4	91.1	92.6	93.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	87.5	91.7	93.2	94.2	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	87.6	92.1	93.6	94.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	87.8	92.5	94.4	95.6	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	88.5	93.5	95.6	96.7	98.1	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	88.5	93.5	95.6	96.9	98.6	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
	88.5	93.5	95.6	96.9	98.6	99.0	99.2	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9
	88.5	93.5	95.6	96.9	98.6	99.0	99.3	99.6	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
	88.5	93.5	95.6	96.9	98.6	99.0	99.3	99.6	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	48.5	48.6	48.8	48.9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	56.5	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 10000	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	66.1	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	69.4	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	71.1	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	72.6	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	74.8	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500	76.5	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	80.2	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	85.5	86.6	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	89.5	90.9	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.7	92.1	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	92.5	94.0	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	94.3	96.1	96.7	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	94.7	96.5	97.2	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	94.7	96.5	97.2	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	94.7	96.7	97.6	98.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	94.9	97.0	97.9	98.3	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	95.3	97.5	98.5	98.9	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.3	97.6	98.6	99.0	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.3	97.6	98.6	99.0	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.3	97.6	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	97.6	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	97.6	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	97.6	98.6	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
IV ≥ 16000	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8
IV ≥ 14000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6
IV ≥ 12000	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV ≥ 10000	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
IV ≥ 9000	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
IV ≥ 8000	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7
IV ≥ 7000	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
IV ≥ 6000	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
IV ≥ 5000	79.5	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.5	81.5
IV ≥ 4500	81.1	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	83.0	83.0
IV ≥ 4000	84.1	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.2	86.2
IV ≥ 3500	86.4	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.5	88.5
IV ≥ 3000	89.2	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6
IV ≥ 2500	91.1	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6
IV ≥ 2000	93.2	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1
IV ≥ 1800	93.9	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.7	96.7
IV ≥ 1500	94.9	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	98.1	98.1
IV ≥ 1200	94.9	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	98.1	98.1
IV ≥ 1000	95.3	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.8	98.8
IV ≥ 900	95.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.9	98.9	98.9	98.9	99.0	99.0
IV ≥ 800	95.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.3
IV ≥ 700	95.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.4	99.4
IV ≥ 600	95.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.4	99.4
IV ≥ 500	95.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.7	99.7	99.7	99.7	99.9	99.9
IV ≥ 400	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0
IV ≥ 300	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0
IV ≥ 200	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0
IV ≥ 100	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0
IV ≥ 0	95.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 16000	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 12000	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 9000	74.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	79.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 5000	84.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	86.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4000	88.3	89.7	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	90.3	91.7	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3000	91.6	93.3	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	92.4	94.2	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2000	93.3	95.1	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 1800	93.4	95.2	95.8	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
IV 1500	93.7	95.6	96.2	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1
≥ 1200	94.2	96.3	96.9	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
IV 1000	94.4	96.5	97.1	97.3	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5
≥ 900	94.4	96.5	97.1	97.3	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5
IV 800	94.4	96.5	97.1	97.3	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5
≥ 700	94.7	96.8	97.3	97.6	98.2	98.5	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IV 600	94.9	97.2	97.8	98.0	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 500	94.9	97.2	97.8	98.0	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 400	94.9	97.2	97.8	98.0	98.6	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	94.9	97.2	97.8	98.0	98.6	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	94.9	97.2	97.8	98.0	98.6	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	97.2	97.8	98.0	98.6	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	94.9	97.2	97.8	98.0	98.6	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000 ≥ 16000	58.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6
≥ 14000 ≥ 12000	58.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
≥ 10000 ≥ 9000	59.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4
≥ 8000 ≥ 7000	62.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7
≥ 6000 ≥ 5000	66.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2
≥ 4500 ≥ 4000	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4
≥ 3500 ≥ 3000	74.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
≥ 2500 ≥ 2000	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5
≥ 1800 ≥ 1500	78.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8
≥ 1200 ≥ 1000	82.1	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 900 ≥ 800	83.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 700 ≥ 600	86.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 500 ≥ 400	88.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 300 ≥ 200	89.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 100 ≥ 0	91.4	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
	93.2	96.2	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
	93.7	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
	94.4	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
	94.5	97.8	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
	94.8	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
	94.8	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
	94.9	98.2	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
	95.2	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
	95.4	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
	95.4	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
	95.5	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
	95.5	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
	95.6	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	95.6	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	51.6	52.6	52.8	53.0	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.5	53.5	53.6
≥ 20000	56.6	57.7	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.7	58.7	58.7
≥ 18000	56.7	57.8	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.7	58.7	58.8
≥ 16000	56.9	57.9	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.9	58.9	58.9
≥ 14000	57.5	58.6	58.8	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.6	59.6	59.7
≥ 12000	60.0	61.1	61.3	61.6	61.7	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.2
≥ 10000	64.2	65.4	65.6	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.6
≥ 9000	67.3	69.1	69.4	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.3	70.3	70.4
≥ 8000	70.9	72.3	72.6	72.9	73.1	73.1	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.6	73.6	73.7
≥ 7000	73.3	74.9	75.2	75.5	75.7	75.7	75.8	75.9	75.9	75.9	76.0	76.1	76.1	76.3	76.3	76.4
≥ 6000	74.7	76.3	76.6	77.0	77.2	77.3	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.8	77.8	77.9
≥ 5000	77.3	79.1	79.5	79.9	80.1	80.2	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.7	80.7	80.9
≥ 4500	78.8	80.6	81.0	81.4	81.7	81.7	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.3	82.3	82.5
≥ 4000	80.9	82.7	83.3	83.7	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.6	84.6	84.8
≥ 3500	82.3	84.2	84.7	85.1	85.4	85.5	85.6	85.6	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.2
≥ 3000	84.1	86.3	86.8	87.3	87.7	87.7	87.8	87.9	87.9	88.0	88.1	88.1	88.3	88.3	88.5	88.5
≥ 2500	85.9	88.3	88.9	89.4	89.8	89.9	90.0	90.0	90.0	90.1	90.2	90.2	90.4	90.4	90.6	90.6
≥ 2000	88.0	90.5	91.2	91.7	92.2	92.2	92.4	92.4	92.4	92.5	92.6	92.6	92.8	92.8	93.0	93.0
≥ 1800	88.5	91.1	91.7	92.2	92.8	92.8	92.9	93.0	93.0	93.1	93.2	93.2	93.4	93.4	93.6	93.6
≥ 1500	89.4	92.1	92.8	93.3	93.8	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.5	94.5	94.6	94.7
≥ 1200	90.3	93.1	93.9	94.4	95.0	95.0	95.2	95.3	95.3	95.4	95.5	95.5	95.7	95.7	95.8	95.9
≥ 1000	90.8	93.7	94.5	95.1	95.7	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.6	96.7
≥ 900	91.0	94.0	94.8	95.4	96.0	96.1	96.3	96.4	96.4	96.4	96.5	96.6	96.8	96.8	96.9	97.0
≥ 800	91.1	94.3	95.1	95.8	96.4	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.2	97.2	97.3	97.4
≥ 700	91.3	94.6	95.5	96.1	96.8	96.9	97.1	97.2	97.2	97.3	97.4	97.4	97.6	97.6	97.8	97.8
≥ 600	91.6	95.0	95.9	96.6	97.3	97.4	97.7	97.8	97.8	97.9	98.0	98.0	98.2	98.2	98.4	98.4
≥ 500	91.7	95.2	96.3	97.0	97.8	97.9	98.2	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.9	98.9
≥ 400	91.8	95.4	96.4	97.2	98.0	98.2	98.5	98.6	98.6	98.8	98.9	99.0	99.2	99.2	99.3	99.4
≥ 300	91.8	95.4	96.5	97.3	98.2	98.4	98.7	98.8	98.9	99.0	99.1	99.1	99.4	99.4	99.5	99.6
≥ 200	91.8	95.4	96.5	97.3	98.2	98.5	98.8	98.9	99.0	99.1	99.3	99.4	99.6	99.6	99.8	99.9
≥ 100	91.8	95.4	96.5	97.3	98.2	98.5	98.9	99.0	99.0	99.2	99.3	99.4	99.7	99.7	99.8	99.9
≥ 0	91.8	95.4	96.5	97.3	98.2	98.5	98.9	99.0	99.0	99.2	99.3	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5767

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.G.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	59.7 61.9	63.5 62.7	60.6 62.9	60.6 62.9	60.6 62.9	60.6 62.9	60.6 62.9	60.6 62.9	60.6 62.9	60.9 63.2	61.0 63.3	61.2 63.4	61.2 63.4	61.2 63.4	61.2 63.4	61.2 63.4
IV 18000 IV 16000	62.2 62.2	63.0 63.0	63.2 63.2	63.2 63.2	63.2 63.2	63.2 63.2	63.2 63.2	63.2 63.2	63.2 63.2	63.4 63.4	63.6 63.6	63.7 63.7	63.7 63.7	63.7 63.7	63.7 63.7	63.7 63.7
IV 14000 IV 12000	62.6 64.2	63.6 65.1	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	63.7 65.3	64.0 65.6	64.2 65.7	64.3 65.9	64.3 65.9	64.3 65.9	64.3 65.9	64.3 65.9
IV 10000 IV 9000	67.0 69.1	68.0 70.3	68.1 70.4	68.1 70.4	68.1 70.4	68.1 70.4	68.1 70.4	68.1 70.4	68.1 70.4	68.4 70.7	68.6 70.8	68.7 71.0	68.7 71.0	68.7 71.0	68.7 71.0	68.7 71.0
IV 8000 IV 7000	72.0 75.5	73.1 76.7	73.3 76.8	73.3 76.8	73.3 76.8	73.3 76.8	73.3 76.8	73.3 76.8	73.3 76.8	73.5 77.1	73.8 77.4	74.0 77.5	74.0 77.5	74.0 77.5	74.0 77.5	74.0 77.5
IV 6000 IV 5000	76.0 78.2	77.1 79.4	77.2 79.5	77.2 79.7	77.2 79.7	77.2 79.7	77.2 79.7	77.2 79.7	77.2 79.7	77.5 79.9	77.8 80.2	78.0 80.4	78.0 80.4	78.0 80.4	78.0 80.4	78.0 80.4
IV 4500 IV 4000	80.4 82.5	81.5 83.6	81.7 83.8	81.8 83.9	81.8 83.9	81.8 83.9	81.8 83.9	81.8 83.9	81.8 83.9	82.1 84.2	82.4 84.5	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6	82.5 84.6
IV 3500 IV 3000	83.9 85.9	85.1 87.1	85.2 87.2	85.3 87.3	85.3 87.3	85.3 87.3	85.3 87.3	85.3 87.3	85.3 87.3	85.6 87.6	85.9 87.9	86.1 88.1	86.1 88.1	86.1 88.1	86.1 88.1	86.1 88.1
IV 2500 IV 2000	86.3 88.6	88.1 90.3	88.2 90.5	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.3 90.6	88.6 90.9	88.9 91.2	89.0 91.3	89.0 91.3	89.0 91.3	89.0 91.3	89.0 91.3
IV 1800 IV 1500	88.8 90.2	90.5 92.0	90.6 92.2	90.8 92.3	90.8 92.3	90.8 92.3	90.8 92.3	90.8 92.3	90.8 92.3	91.0 92.6	91.3 92.9	91.5 93.0	91.5 93.0	91.5 93.0	91.5 93.0	91.5 93.0
IV 1200 IV 1000	91.7 92.3	93.6 94.2	93.7 94.3	93.9 94.5	93.9 94.5	93.9 94.5	93.9 94.5	93.9 94.5	93.9 94.5	94.2 94.7	94.5 95.0	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2
IV 900 IV 800	92.6 93.3	94.5 95.2	94.6 95.3	94.7 95.4	94.7 95.4	94.7 95.4	94.7 95.4	94.7 95.4	94.7 95.4	95.0 95.7	95.3 96.0	95.4 96.2	95.4 96.2	95.4 96.2	95.4 96.2	95.4 96.2
IV 700 IV 600	93.9 94.2	95.7 96.3	95.9 96.4	96.2 96.7	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.6 97.2	96.9 97.4	97.0 97.6	97.0 97.6	97.0 97.6	97.0 97.6	97.0 97.6
IV 500 IV 400	94.5 94.5	96.9 96.9	97.0 97.0	97.3 97.3	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.7 97.7	98.0 98.0	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2	98.2 98.2
IV 300 IV 200	94.5 94.6	96.9 97.0	97.2 97.4	97.4 97.7	98.0 98.3	98.2 98.6	98.2 98.9	98.2 98.9	98.2 98.9	98.4 99.1	98.7 99.6	98.9 99.7	98.9 99.7	98.9 99.7	98.9 99.7	98.9 99.7
IV 100 IV 0	94.6 94.6	97.0 97.0	97.4 97.4	97.7 97.7	98.6 98.6	98.9 98.9	99.1 99.1	99.1 99.1	99.1 99.1	99.4 99.4	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CAN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

J300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	57.6	58.3	58.5	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.5	59.5	59.5	59.5	59.7	60.0
≥ 20000	59.5	60.2	60.5	60.7	60.9	60.9	61.0	61.0	61.0	61.2	61.6	61.6	61.6	61.6	61.9	62.1
≥ 18000	59.5	60.2	60.5	60.7	60.9	60.9	61.0	61.0	61.0	61.2	61.6	61.6	61.6	61.6	61.9	62.1
≥ 16000	59.7	60.5	60.7	61.0	61.2	61.2	61.3	61.3	61.3	61.4	61.9	61.9	61.9	61.9	62.1	62.4
≥ 14000	60.7	61.4	61.7	62.0	62.1	62.1	62.3	62.3	62.3	62.4	62.9	62.9	62.9	62.9	63.1	63.4
≥ 12000	62.4	63.4	63.7	64.0	64.1	64.1	64.3	64.3	64.3	64.4	64.8	64.8	64.8	64.8	65.1	65.4
≥ 10000	64.8	66.0	66.2	66.5	66.7	66.7	66.8	66.8	66.8	66.9	67.4	67.4	67.4	67.4	67.7	67.9
≥ 9000	67.5	68.8	69.1	69.4	69.5	69.5	69.6	69.6	69.6	69.8	70.2	70.2	70.2	70.2	70.5	70.8
≥ 8000	70.1	71.3	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.3	72.7	72.7	72.7	72.7	73.0	73.3
≥ 7000	72.9	74.2	74.4	74.7	74.9	74.9	75.0	75.0	75.0	75.1	75.6	75.6	75.6	75.6	75.8	76.1
≥ 6000	73.3	74.6	74.9	75.1	75.3	75.3	75.4	75.4	75.4	75.6	76.0	76.0	76.0	76.0	76.3	76.6
≥ 5000	75.6	76.8	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.8	78.2	78.2	78.2	78.2	78.5	78.8
≥ 4500	76.8	78.1	78.4	78.7	78.8	78.8	79.0	79.0	79.0	79.1	79.5	79.5	79.5	79.5	79.8	80.1
≥ 4000	78.7	79.9	80.2	80.5	80.6	80.6	80.8	80.8	80.8	80.9	81.4	81.4	81.4	81.4	81.6	81.9
≥ 3500	79.4	80.8	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.8	82.2	82.2	82.2	82.2	82.5	82.8
≥ 3000	81.5	83.1	83.3	83.6	83.8	83.8	83.9	83.9	84.0	84.2	84.6	84.6	84.6	84.6	84.9	85.2
≥ 2500	82.1	83.6	83.9	84.2	84.3	84.3	84.5	84.5	84.6	84.7	85.2	85.2	85.2	85.2	85.5	85.7
≥ 2000	85.2	87.0	87.3	87.6	87.7	87.7	87.9	87.9	88.0	88.1	88.6	88.6	88.6	88.6	88.8	89.1
≥ 1800	86.9	88.7	89.0	89.3	89.4	89.4	89.5	89.5	89.7	89.8	90.3	90.3	90.3	90.3	90.5	90.8
≥ 1500	87.9	89.7	90.0	90.3	90.4	90.4	90.5	90.5	90.7	90.8	91.2	91.2	91.2	91.2	91.5	91.8
≥ 1200	90.1	91.9	92.2	92.5	92.7	92.7	92.8	92.8	92.9	93.1	93.5	93.5	93.5	93.5	93.8	94.1
≥ 1000	90.4	92.4	92.7	92.9	93.1	93.1	93.2	93.2	93.4	93.5	93.9	93.9	93.9	93.9	94.2	94.5
≥ 900	90.8	93.1	93.4	93.6	93.8	93.8	93.9	93.9	94.1	94.2	94.6	94.6	94.6	94.6	94.9	95.2
≥ 800	91.2	93.6	93.9	94.2	94.4	94.4	94.5	94.5	94.6	94.8	95.2	95.2	95.2	95.2	95.5	95.8
≥ 700	91.7	94.2	94.5	94.8	94.9	94.9	95.1	95.1	95.2	95.3	95.8	95.8	95.8	95.8	96.0	96.3
≥ 600	92.2	94.6	95.1	95.3	95.5	95.5	95.6	95.6	95.8	95.9	96.3	96.3	96.3	96.3	96.6	96.9
≥ 500	92.5	95.5	96.0	96.3	96.5	96.5	96.6	96.6	96.8	96.9	97.3	97.3	97.3	97.3	97.6	97.9
≥ 400	92.7	95.8	96.3	96.6	96.8	96.8	96.9	96.9	97.0	97.2	97.6	97.6	97.6	97.6	97.9	98.2
≥ 300	92.7	96.0	96.6	97.0	97.3	97.5	97.7	97.7	97.9	98.0	98.4	98.4	98.4	98.4	98.7	99.0
≥ 200	92.7	96.3	96.9	97.5	97.7	97.9	98.3	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.3	99.6
≥ 100	92.8	96.5	97.0	97.6	97.9	98.0	98.6	98.6	98.7	98.9	99.3	99.3	99.3	99.3	99.6	100.0
≥ 0	92.8	96.5	97.0	97.6	97.9	98.0	98.6	98.6	98.7	98.9	99.3	99.3	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 708

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2
25142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	49.4	50.4	50.9	51.6	51.9	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.8
≥ 20000	53.8	55.0	55.4	56.2	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.3
≥ 18000	53.8	55.0	55.4	56.2	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.3
≥ 16000	54.0	55.1	55.6	56.3	56.6	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.5
≥ 14000	55.3	56.5	56.9	57.6	57.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.8
≥ 12000	58.8	60.0	60.4	61.1	61.4	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.3
≥ 10000	62.3	63.5	63.9	64.7	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.8
≥ 9000	66.1	67.3	67.7	68.5	68.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.6
≥ 8000	69.9	71.1	71.6	72.3	72.6	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.5
≥ 7000	70.8	72.0	72.4	73.2	73.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.3
≥ 6000	71.0	72.1	72.6	73.3	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.5
≥ 5000	72.0	73.5	74.0	74.9	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	76.1
≥ 4500	74.0	75.4	76.0	76.8	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	78.0
≥ 4000	74.8	76.2	76.8	77.7	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.9
≥ 3500	76.0	77.6	78.2	79.0	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.2
≥ 3000	77.3	79.2	79.8	80.6	80.9	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.8
≥ 2500	78.4	80.4	81.2	82.1	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.3
≥ 2000	80.4	82.4	83.3	84.2	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.5
≥ 1800	80.8	82.8	83.7	84.6	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.9
≥ 1500	81.7	83.7	84.6	85.5	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.8
≥ 1200	82.1	84.2	85.3	86.2	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.5
≥ 1000	83.3	85.3	86.7	87.7	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	89.0
≥ 900	83.6	85.6	87.0	88.3	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.6
≥ 800	84.0	86.1	87.4	88.7	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	90.0
≥ 700	85.0	87.7	89.0	90.5	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.8
≥ 600	85.8	89.0	90.3	91.8	92.5	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.7
≥ 500	85.9	89.7	91.2	93.0	94.0	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.5
≥ 400	86.1	90.0	91.9	94.0	95.0	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.6
≥ 300	86.2	90.2	92.5	94.6	95.6	95.9	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.9
≥ 200	86.2	90.2	92.5	94.7	95.7	96.0	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	98.1
≥ 100	86.2	90.2	92.5	94.7	95.7	96.0	96.3	97.2	97.4	97.5	97.7	97.7	97.7	97.9	97.9	98.5
≥ 0	86.2	90.2	92.5	94.7	95.7	96.0	96.3	97.2	97.4	97.5	97.7	97.7	97.7	97.9	97.9	98.5

TOTAL NUMBER OF OBSERVATIONS 682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000 IV 18000	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 16000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 14000	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 12000	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 10000	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 9000	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 8000	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 7000	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 6000	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 5000	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 4500	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 4000	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 3500	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 3000	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 2500	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	76.4	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	79.9	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 1500	80.9	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 1200	83.2	83.8	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1000	85.6	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 900	86.8	88.0	88.6	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 800	87.5	88.9	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 700	88.0	89.6	90.3	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 600	89.2	91.3	92.0	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 500	90.0	92.9	93.6	94.3	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 400	90.6	93.9	94.9	95.9	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 300	90.6	94.6	95.7	96.9	98.0	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	90.6	94.7	95.9	97.0	98.1	98.3	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1
IV 100	90.6	94.7	95.9	97.0	98.1	98.4	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0
IV 0	90.6	94.7	95.9	97.0	98.1	98.4	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 702

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 5000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2500	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	84.3	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	86.4	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	88.7	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	91.0	92.3	92.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	92.6	94.3	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	92.7	94.5	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	93.3	95.1	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	94.3	96.5	97.2	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	94.5	97.1	97.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	94.8	97.4	98.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	94.8	97.7	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.8	97.7	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.8	97.7	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	97.7	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.8	97.7	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	52.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	52.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	92.7	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	93.8	94.8	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	94.1	95.3	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	95.0	96.3	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	95.6	97.0	97.3	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	95.7	97.3	97.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	95.8	97.4	98.0	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	95.8	97.4	98.0	98.4	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.8	97.4	98.0	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.8	97.4	98.0	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	97.4	98.0	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	97.4	98.0	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.8	97.4	98.0	98.4	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING	54.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	60.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	69.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	81.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	83.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	84.3	85.7	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	86.6	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	89.6	91.4	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	90.0	92.0	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	91.3	93.4	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	92.0	94.4	94.7	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	92.6	95.0	95.4	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	92.7	95.1	95.6	96.3	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	92.8	95.3	95.7	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	93.0	95.6	96.0	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	93.1	95.9	96.4	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	93.3	96.0	96.6	97.6	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	93.3	96.0	96.6	97.6	98.0	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	93.4	96.4	97.0	98.0	98.6	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	93.4	96.4	97.0	98.0	98.6	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	93.4	96.4	97.0	98.0	98.6	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	93.6	96.6	97.1	98.1	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 690

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	72.3	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	90.9	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	91.2	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	93.2	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	94.8	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	94.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	95.3	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	95.5	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	95.5	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	95.5	96.7	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	95.5	96.7	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	95.5	96.9	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	95.6	97.2	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	95.6	97.2	97.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.6	97.2	97.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2
2142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.0	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.1
≥ 20000	59.0	59.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.1	60.2
≥ 18000	59.1	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.2	60.3
IV 16000	59.2	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.4
≥ 14000	60.2	60.7	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.5
IV 12000	62.5	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.7	63.8
≥ 10000	65.5	66.1	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.8
IV 9000	67.9	68.6	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.4
≥ 8000	71.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.6
IV 7000	73.0	73.7	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.5
≥ 6000	73.6	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.2
IV 5000	75.7	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.3
≥ 4500	76.9	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.5
IV 4000	78.5	79.2	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.1
≥ 3500	79.5	80.3	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.2
IV 3000	81.3	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.2
≥ 2500	83.1	84.2	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.2
IV 2000	85.9	87.1	87.4	87.6	87.7	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.3
≥ 1800	86.8	88.1	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.3
IV 1500	88.6	90.0	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.2
≥ 1200	90.1	91.6	92.0	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	93.0
IV 1000	90.9	92.6	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
≥ 900	91.2	93.0	93.5	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.8
IV 800	91.7	93.6	94.1	94.6	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.4
≥ 700	92.3	94.4	95.0	95.6	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.5
IV 600	92.7	95.0	95.6	96.3	96.7	96.8	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.4
≥ 500	92.9	95.5	96.2	96.9	97.4	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.2
IV 400	92.9	95.6	96.4	97.3	97.8	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.7
≥ 300	92.9	95.8	96.7	97.5	98.2	98.3	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.3
IV 200	93.0	95.9	96.8	97.7	98.4	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.7
≥ 100	93.0	95.9	96.8	97.7	98.5	98.7	99.0	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.7	100.0
IV 0	93.0	95.9	96.8	97.8	98.5	98.7	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5586

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.M.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	58.8	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.9	59.9	59.9	59.9
≥ 20000	63.1	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	64.3	64.3	64.3	64.3
≥ 18000	63.1	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.9	63.9	63.9	64.3	64.3	64.3	64.3
≥ 16000	63.5	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.7	64.7	64.7	64.7
≥ 14000	64.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	66.1	66.1	66.1	66.1
≥ 12000	66.5	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.8	67.8	67.8	67.8
≥ 10000	71.2	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.7	72.7	72.7	72.7
≥ 9000	73.8	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.3	75.3	75.3	75.3
≥ 8000	75.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	77.0	77.0	77.0	77.0
≥ 7000	78.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.9	79.9	79.9	79.9
≥ 6000	78.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.4	80.4	80.4	80.4
≥ 5000	81.7	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	83.3	83.3	83.3	83.3
≥ 4500	84.6	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	86.2	86.2	86.2	86.2
≥ 4000	86.3	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.6	87.6	87.6	87.6
≥ 3500	87.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.8	88.8	88.8	88.8
≥ 3000	88.0	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.9	89.9	89.9	89.9
≥ 2500	89.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	91.2	91.2	91.2	91.2
≥ 2000	89.9	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	92.0	92.0	92.0	92.0
≥ 1800	90.2	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.9	91.9	91.9	92.3	92.3	92.3	92.3
≥ 1500	90.8	92.0	92.0	92.0	92.0	92.0	92.3	92.6	92.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1
≥ 1200	91.9	93.1	93.1	93.1	93.1	93.1	93.4	93.7	93.8	93.9	93.9	93.9	94.4	94.4	94.4	94.4
≥ 1000	92.6	93.8	93.8	93.8	94.1	94.1	94.4	94.8	94.9	95.0	95.0	95.0	95.5	95.5	95.5	95.5
≥ 900	92.6	93.8	93.8	93.8	94.1	94.1	94.4	94.8	94.9	95.0	95.0	95.0	95.5	95.5	95.5	95.5
≥ 800	92.8	94.1	94.1	94.1	94.5	94.5	94.8	95.2	95.3	95.5	95.5	95.5	95.9	95.9	95.9	95.9
≥ 700	93.1	94.4	94.4	94.4	94.8	94.8	95.0	95.5	95.6	95.7	95.7	95.7	96.1	96.1	96.1	96.1
≥ 600	93.5	94.8	94.8	94.8	95.2	95.2	95.5	95.9	96.0	96.1	96.1	96.1	96.6	96.6	96.6	96.6
≥ 500	93.9	95.2	95.3	95.3	95.9	95.9	96.1	96.6	96.7	96.8	96.8	96.8	97.2	97.2	97.2	97.2
≥ 400	94.6	96.1	96.3	96.3	96.8	96.8	97.1	97.5	97.7	97.8	97.8	97.8	98.2	98.2	98.2	98.2
≥ 300	95.0	96.6	96.7	96.7	97.5	97.5	97.8	98.2	98.3	98.5	98.5	98.5	98.9	98.9	98.9	98.9
≥ 200	95.0	96.7	97.0	97.0	97.9	97.9	98.2	98.6	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 100	95.0	96.7	97.0	97.0	97.9	97.9	98.2	98.6	98.8	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 0	95.0	96.7	97.0	97.0	97.9	97.9	98.2	98.6	98.8	99.0	99.0	99.0	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	56.3	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.8	57.8	57.8	59.4	58.8
≥ 20000	61.6	61.9	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.6	62.6	62.7	62.7	62.7	63.3	63.7
≥ 18000	61.6	61.9	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.6	62.6	62.7	62.7	62.7	63.3	63.7
≥ 16000	62.1	62.3	62.3	62.5	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.2	63.2	63.2	63.7	64.1
≥ 14000	63.6	63.8	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.7	64.7	64.7	65.2	65.6
≥ 12000	65.3	65.6	65.6	65.8	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.4	66.4	66.4	67.0	67.4
≥ 10000	69.7	70.0	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.7	70.7	70.8	70.8	70.8	71.4	71.8
≥ 9000	71.8	72.1	72.1	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.9	72.9	72.9	73.4	73.8
≥ 8000	74.4	74.7	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.5	75.5	75.5	76.0	76.4
≥ 7000	76.6	76.8	76.8	77.0	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.7	77.7	77.7	78.2	78.6
≥ 6000	78.6	78.9	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.7	79.7	79.7	80.3	80.7
≥ 5000	80.5	81.0	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.8	81.8	81.8	82.3	82.9
≥ 4500	82.7	83.2	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.8	83.8	84.0	84.0	84.0	84.5	85.1
≥ 4000	84.9	85.3	85.3	85.5	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.2	86.2	86.2	86.7	87.3
≥ 3500	86.3	86.7	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.5	87.5	87.5	88.1	88.6
≥ 3000	87.9	88.4	88.4	88.5	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.2	89.2	89.2	89.7	90.3
≥ 2500	89.3	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.4	90.4	90.5	90.5	90.5	91.1	91.6
≥ 2000	90.3	90.7	90.7	90.8	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.6	91.6	91.6	92.2	92.7
≥ 1800	90.3	90.7	90.7	91.0	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.8	91.8	91.8	92.3	92.9
≥ 1500	90.8	91.2	91.2	91.5	91.9	91.9	91.9	92.1	92.1	92.3	92.3	92.5	92.5	92.5	93.0	93.6
≥ 1200	91.2	91.9	91.9	92.2	92.6	92.6	92.6	92.7	92.7	93.0	93.0	93.2	93.2	93.2	93.7	94.2
≥ 1000	91.8	92.9	92.9	93.2	93.6	93.6	93.6	93.7	93.7	94.1	94.1	94.2	94.2	94.2	94.8	95.3
≥ 900	91.8	92.9	92.9	93.2	93.6	93.6	93.6	93.7	93.7	94.1	94.1	94.2	94.2	94.2	94.8	95.3
≥ 800	91.9	93.0	93.0	93.3	93.7	93.7	93.7	93.8	93.8	94.2	94.2	94.4	94.4	94.4	94.9	95.5
≥ 700	92.2	93.4	93.4	93.7	94.1	94.1	94.1	94.2	94.2	94.7	94.7	94.8	94.8	94.8	95.3	95.9
≥ 600	92.6	93.8	93.8	94.1	94.5	94.5	94.5	94.7	94.7	95.1	95.1	95.2	95.2	95.2	95.8	96.3
≥ 500	93.3	94.5	94.5	94.8	95.2	95.2	95.2	95.3	95.3	95.8	95.8	95.9	95.9	95.9	96.4	97.0
≥ 400	94.0	95.2	95.2	95.5	95.9	95.9	95.9	96.0	96.0	96.4	96.4	96.6	96.6	96.6	97.1	97.7
≥ 300	94.1	95.5	95.5	95.8	96.3	96.3	96.3	96.4	96.4	96.8	96.8	97.0	97.0	97.0	97.5	98.1
≥ 200	94.1	95.5	95.5	95.9	96.8	96.8	97.0	97.3	97.5	97.5	97.5	98.1	98.2	98.4	98.6	99.2
≥ 100	94.1	95.5	95.5	95.9	96.8	96.8	97.0	97.3	97.5	97.5	97.5	98.1	98.2	98.4	98.6	99.2
≥ 0	94.1	95.5	95.5	95.9	96.8	97.0	97.3	97.5	97.7	98.2	98.4	98.5	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 730

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-6800
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.3	53.4	53.4	53.4	53.7	54.0	54.5
≥ 20000	60.5	60.9	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.5	61.5	61.5	61.8	62.2	62.7
≥ 18000	60.5	60.9	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.5	61.5	61.5	61.8	62.2	62.7
≥ 16000	60.5	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.8	61.9	61.9	61.9	62.2	62.6	63.3
≥ 14000	63.3	63.7	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.1	64.3	64.3	64.3	64.5	65.0	65.4
≥ 12000	65.4	65.8	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.2	66.3	66.3	66.3	66.6	67.0	67.7
≥ 10000	69.3	69.8	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.4	70.5	70.5	70.5	70.8	71.2	71.9
≥ 9000	70.9	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	72.0	72.2	72.2	72.2	72.5	72.9	73.6
≥ 8000	73.6	74.4	74.5	74.5	74.7	74.7	74.7	74.8	74.8	75.0	75.1	75.1	75.1	75.4	75.8	76.5
≥ 7000	77.2	78.0	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.7	78.7	78.7	79.0	79.4	80.1
≥ 6000	79.2	79.8	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.4	80.5	80.5	80.5	80.8	81.2	81.9
≥ 5000	80.7	81.5	81.6	81.6	81.8	81.8	81.8	81.9	81.9	82.1	82.2	82.2	82.2	82.5	82.9	83.6
≥ 4500	82.2	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.6	83.7	83.7	83.7	84.0	84.4	85.1
≥ 4000	84.0	85.0	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.5	85.7	85.7	85.7	86.0	86.4	87.1
≥ 3500	84.7	85.7	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.4	86.4	86.4	86.6	87.1	87.8
≥ 3000	86.0	87.1	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.6	87.8	87.8	87.8	88.0	88.5	89.2
≥ 2500	86.5	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.5	88.6	88.6	88.6	88.9	89.3	90.0
≥ 2000	88.7	90.3	90.5	90.5	90.8	90.8	91.1	91.2	91.2	91.4	91.5	91.5	91.5	91.8	92.2	92.9
≥ 1800	89.0	90.5	90.8	91.0	91.2	91.2	91.5	91.7	91.7	91.8	91.9	91.9	91.9	92.2	92.6	93.3
≥ 1500	89.8	91.4	91.7	91.8	92.2	92.2	92.5	92.6	92.6	92.8	92.9	92.9	92.9	93.2	93.6	94.3
≥ 1200	90.1	91.7	91.9	92.1	92.6	92.8	93.0	93.2	93.2	93.3	93.5	93.5	93.5	93.7	94.2	94.9
≥ 1000	90.3	92.2	92.5	92.6	93.2	93.3	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.3	94.7	95.4
≥ 900	90.3	92.4	92.6	92.6	93.5	93.6	93.9	94.0	94.0	94.2	94.3	94.3	94.3	94.6	95.0	95.7
≥ 800	90.5	92.6	93.0	93.2	94.0	94.2	94.6	94.7	94.7	94.9	95.0	95.0	95.0	95.3	95.7	96.4
≥ 700	90.5	92.6	93.0	93.2	94.2	94.3	94.7	94.9	94.9	95.0	95.1	95.1	95.1	95.4	95.8	96.5
≥ 600	90.7	92.9	93.3	93.5	94.6	94.7	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.8	96.2	96.9
≥ 500	90.8	93.2	93.6	93.7	94.9	95.0	95.4	95.5	95.5	95.7	95.8	95.8	95.8	96.1	96.5	97.2
≥ 400	90.8	93.2	93.6	93.9	95.1	95.3	95.7	96.1	96.1	96.2	96.4	96.4	96.4	96.7	97.1	97.8
≥ 300	90.8	93.2	93.6	93.9	95.1	95.3	95.7	96.1	96.1	96.2	96.5	96.5	96.5	96.8	97.2	97.9
≥ 200	90.8	93.2	93.6	93.9	95.1	95.5	96.5	96.9	96.9	97.1	97.4	97.4	97.4	97.9	98.5	99.2
≥ 100	90.8	93.2	93.6	93.9	95.1	95.5	96.7	97.4	97.4	97.5	97.8	97.8	97.8	98.1	98.3	99.0
≥ 0	90.8	93.2	93.6	93.9	95.1	95.5	96.7	97.4	97.4	97.5	97.8	97.8	97.8	98.1	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	49.9	50.2	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	60.1	60.4	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.4
≥ 18000	60.1	60.4	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.4
≥ 16000	61.1	61.4	61.6	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.3
≥ 14000	63.8	64.0	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.0
≥ 12000	67.3	67.6	67.8	68.3	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.1
≥ 10000	72.6	73.1	73.3	73.9	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 9000	74.6	75.0	75.3	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.7
≥ 8000	77.2	77.6	77.9	78.4	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.3
≥ 7000	79.7	80.3	80.5	81.1	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 6000	81.1	81.5	81.8	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 5000	81.2	81.9	82.2	82.8	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.6
≥ 4500	81.9	82.7	82.9	83.6	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.5
≥ 4000	82.9	83.6	83.9	84.6	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.5
≥ 3500	83.2	83.9	84.2	84.9	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.8
≥ 3000	84.5	85.2	85.5	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	87.0
≥ 2500	85.9	87.0	87.3	88.0	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	89.0
≥ 2000	87.0	88.3	88.6	89.3	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.7
≥ 1800	87.0	88.3	88.6	89.4	90.1	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.8
≥ 1500	87.9	89.1	89.4	90.3	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.7
≥ 1200	88.4	89.7	90.0	90.8	91.5	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1000	88.6	89.8	90.1	91.0	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.5
≥ 900	88.7	90.0	90.4	91.5	92.4	92.4	92.7	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.4
≥ 800	89.4	90.8	91.3	92.4	93.2	93.2	93.5	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.6
≥ 700	89.8	91.4	92.0	93.1	94.1	94.1	94.4	94.6	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.5
≥ 600	89.8	91.4	92.0	93.4	94.6	94.6	94.9	95.2	95.3	95.5	95.5	95.5	95.6	95.6	95.6	96.1
≥ 500	90.0	92.0	92.5	93.9	95.5	95.5	96.1	96.3	96.5	96.6	96.6	96.6	96.8	96.8	96.8	97.0
≥ 400	90.0	92.1	92.7	94.1	95.6	95.6	96.2	96.5	96.6	96.6	96.6	96.6	96.9	96.9	96.9	97.0
≥ 300	90.0	92.1	92.7	94.1	95.6	95.6	96.8	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	98.0
≥ 200	90.0	92.1	92.7	94.1	95.6	95.6	96.9	97.5	97.7	98.2	98.6	98.6	98.9	99.0	99.0	99.0
≥ 100	90.0	92.1	92.7	94.1	95.6	95.6	96.9	97.5	97.7	98.2	98.7	99.2	99.3	99.4	99.4	100.0
≥ 0	90.0	92.1	92.7	94.1	95.6	95.6	96.9	97.5	97.7	98.2	98.7	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 70

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 18000	64.7	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 16000	65.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 14000	68.6	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 12000	72.4	73.2	73.4	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 10000	75.3	76.1	76.3	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 9000	76.8	77.7	77.8	77.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	78.8	79.6	79.7	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 7000	79.9	80.7	80.8	81.0	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	80.1	81.1	81.2	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 5000	81.4	82.3	82.5	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4500	82.3	83.3	83.4	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4000	83.2	84.3	84.4	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 3500	84.1	85.2	85.4	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	85.7	86.8	86.9	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	86.3	87.6	87.7	87.9	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	87.9	89.2	89.4	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800	88.6	89.9	90.2	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	89.8	91.2	91.4	91.6	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	91.4	93.0	93.4	93.5	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	92.0	93.7	94.3	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 900	92.4	94.6	95.4	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	92.8	95.2	96.0	96.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	92.8	95.3	96.1	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	93.1	95.7	96.7	97.0	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	93.2	95.9	96.8	97.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	93.4	96.0	97.0	97.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	93.4	96.0	97.0	97.5	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	93.4	96.0	97.0	97.5	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	93.4	96.0	97.0	97.5	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	93.4	96.0	97.0	97.5	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥¼	≥0
NO CEILING	13.5	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	64.7	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	64.1	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	64.8	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	67.3	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	72.8	73.3	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	76.1	76.8	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	78.4	79.1	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	80.7	81.6	81.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	82.7	83.8	83.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	83.8	84.9	84.9	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	84.8	85.9	85.9	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	85.3	86.6	86.6	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	86.5	87.8	87.8	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	86.5	87.8	87.8	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	87.3	88.7	88.7	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	88.7	90.2	90.2	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	90.4	91.9	91.9	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	90.6	92.2	92.2	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	91.5	93.6	93.6	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	92.3	94.4	94.4	94.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	94.3	96.8	96.8	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	94.3	97.1	97.1	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	94.1	97.3	97.3	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	94.3	97.5	97.5	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	94.4	97.6	97.6	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	94.4	97.6	97.6	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥⅓	≥0
NO CEILING ≥ 20000	58.3 66.2	58.7 66.6	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7	58.8 66.7
IV 18000 IV 6000	66.2 66.7	66.6 67.1	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3	66.7 67.3
IV 14000 IV 2000	69.2 73.1	69.6 73.5	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6	69.8 73.6
IV 12000 IV 9000	76.0 77.9	76.4 78.5	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6	76.6 78.6
IV 8000 IV 7000	79.9 82.7	80.7 83.6	80.9 83.8	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9	81.0 83.9
IV 6000 IV 5000	83.4 85.2	84.5 86.3	84.6 86.4	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5	84.7 86.5
IV 4500 IV 4000	86.0 87.4	87.1 88.5	87.2 88.6	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8	87.4 88.8
IV 3500 IV 3000	88.9 90.3	90.0 91.7	90.2 91.8	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0	90.3 92.0
IV 2500 IV 2000	91.5 92.2	93.1 93.8	93.2 93.9	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.5 94.2	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3	93.5 94.3
IV 1800 IV 1500	92.2 92.5	93.9 94.5	94.0 94.6	94.2 94.7	94.2 94.7	94.3 94.9	94.3 94.9	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0	94.5 95.0
IV 1200 IV 1000	93.9 94.7	95.6 96.9	96.0 97.1	96.1 97.2	96.3 97.5	96.4 97.6	96.4 97.6	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8	96.5 97.8
IV 900 IV 800	95.3 95.6	97.5 97.8	97.6 97.9	97.8 98.1	98.1 98.3	98.2 98.5	98.2 98.5	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6	98.3 98.6
IV 700 IV 600	95.6 95.7	97.8 98.1	97.9 98.2	98.1 98.5	98.8 99.2	98.9 99.3	98.9 99.3	99.0 99.4	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6
IV 500 IV 400	95.7 95.7	98.1 98.1	98.2 98.2	98.5 98.5	99.2 99.2	99.3 99.3	99.4 99.4	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 300 IV 200	95.7 95.7	98.1 98.1	98.3 98.3	98.6 98.6	99.3 99.3	99.4 99.4	99.6 99.6	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 IV 0	95.7 95.7	98.1 98.1	98.3 98.3	98.6 98.6	99.3 99.3	99.4 99.4	99.6 99.6	99.7 99.7	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	60.6	60.6	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	68.1	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	70.3	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	74.1	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	75.2	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	78.3	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	80.7	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	81.7	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	86.1	86.5	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	88.7	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	90.9	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	91.3	91.9	91.9	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	92.7	92.7	92.7	93.0	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	92.8	93.1	93.1	93.4	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	93.1	93.7	93.7	94.1	94.2	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	93.9	94.5	94.6	95.0	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	94.2	95.0	95.2	95.6	95.9	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	94.5	95.3	95.4	95.9	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	94.6	95.6	95.7	96.1	96.4	96.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	95.0	96.1	96.3	96.7	97.0	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	95.3	96.4	96.6	97.1	97.5	97.7	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	96.0	97.1	97.2	97.8	98.2	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.0	97.2	97.3	98.1	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.0	97.2	97.3	98.1	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	96.0	97.2	97.3	98.1	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.0	97.2	97.3	98.1	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	96.0	97.2	97.3	98.1	98.6	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 125

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.6	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.5	56.6
≥ 20000	63.3	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.3	64.5
≥ 18000	63.3	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.4	64.5
≥ 16000	63.9	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.9	65.1
≥ 14000	66.1	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.3
≥ 12000	69.1	69.6	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.4	70.5
≥ 10000	73.3	73.6	73.7	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.6
≥ 9000	74.9	75.5	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.5
≥ 8000	77.3	77.9	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.8	78.9
≥ 7000	79.7	80.4	80.5	80.7	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.3	81.5
≥ 6000	80.8	81.5	81.6	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.6
≥ 5000	82.7	83.5	83.6	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.6
≥ 4500	84.1	84.9	85.0	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.9	86.0
≥ 4000	85.4	86.3	86.4	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.2	87.4
≥ 3500	86.3	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.3
≥ 3000	87.5	88.5	88.6	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.6
≥ 2500	88.6	89.7	89.8	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.8	90.9
≥ 2000	89.6	91.0	91.1	91.3	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.4
≥ 1800	90.1	91.3	91.4	91.6	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.7
≥ 1500	90.8	92.1	92.2	92.5	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.7
≥ 1200	91.7	93.0	93.2	93.5	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.7
≥ 1000	92.3	93.9	94.1	94.4	94.9	95.0	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.7	95.8
≥ 900	92.4	94.2	94.4	94.7	95.3	95.4	95.5	95.7	95.7	95.8	95.8	95.9	95.9	96.0	96.1	96.3
≥ 800	92.7	94.6	94.8	95.1	95.7	95.8	95.9	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.6	96.8
≥ 700	92.9	94.8	95.1	95.4	96.1	96.2	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.2
≥ 600	93.2	95.1	95.4	95.8	96.6	96.7	96.8	97.0	97.1	97.3	97.3	97.3	97.4	97.4	97.5	97.7
≥ 500	93.4	95.4	95.8	96.2	97.0	97.1	97.4	97.6	97.7	97.8	97.8	97.9	97.9	98.0	98.1	98.3
≥ 400	93.6	95.7	96.0	96.5	97.4	97.5	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5	98.7
≥ 300	93.7	95.8	96.1	96.6	97.5	97.7	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.8	99.0
≥ 200	93.7	95.8	96.2	96.7	97.7	97.8	98.2	98.5	98.7	98.9	99.0	99.0	99.2	99.2	99.4	99.6
≥ 100	93.7	95.8	96.2	96.7	97.7	97.8	98.3	98.6	98.8	99.0	99.2	99.2	99.4	99.4	99.6	99.9
≥ 0	93.7	95.8	96.2	96.7	97.7	97.8	98.3	98.6	98.8	99.0	99.2	99.3	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5771

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	55.2	55.8	55.8	55.9	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8
≥ 20000	58.2	58.9	59.1	59.2	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1
≥ 18000	58.5	59.2	59.3	59.5	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
≥ 16000	58.5	59.2	59.3	59.5	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
≥ 14000	59.8	60.5	60.6	60.8	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6
≥ 12000	63.5	64.2	64.3	64.5	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3
≥ 10000	66.0	66.8	66.9	67.0	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9
≥ 9000	67.0	67.8	67.9	68.0	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9
≥ 8000	69.8	70.5	70.6	70.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6
≥ 7000	71.3	72.0	72.2	72.5	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 6000	72.3	73.0	73.2	73.5	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 5000	73.5	74.2	74.3	74.6	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5
≥ 4500	74.5	75.3	75.5	75.7	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥ 4000	75.5	76.6	76.7	77.0	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9
≥ 3500	76.5	77.6	77.7	78.2	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 3000	78.7	80.0	80.6	81.2	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5
≥ 2500	80.0	81.7	82.3	82.9	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5
≥ 2000	81.6	83.7	84.5	85.0	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9
≥ 1800	82.3	84.6	85.3	85.9	86.7	87.2	87.9	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6
≥ 1500	82.9	85.3	86.0	86.9	88.0	88.4	89.3	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 1200	84.0	86.9	87.6	88.6	89.7	90.2	91.2	91.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9
≥ 1000	85.3	88.3	89.0	90.0	91.3	91.7	92.7	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	85.4	88.6	89.3	90.3	91.6	92.0	93.0	93.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	85.6	88.7	89.6	90.6	91.9	92.3	93.3	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	85.6	88.7	89.7	90.7	92.2	92.6	93.6	94.0	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	85.7	89.0	90.0	91.0	92.4	92.9	93.9	94.3	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	85.9	89.2	90.2	91.2	92.6	93.0	94.0	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	86.6	89.9	91.4	93.0	94.6	95.0	96.0	96.4	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	86.6	90.0	91.7	93.3	95.0	95.4	96.9	97.3	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	86.6	90.0	91.7	93.3	95.0	95.6	97.0	97.6	97.9	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	86.6	90.0	91.7	93.3	95.0	95.6	97.0	97.6	97.9	98.7	99.0	99.0	99.0	99.1	99.1	99.1
≥ 0	86.6	90.0	91.7	93.3	95.0	95.6	97.0	97.6	97.9	98.7	99.0	99.0	99.0	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 701

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142

EDMONTON IAP CN

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	53.1	53.7	53.8	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	57.4	58.1	58.2	58.5	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	57.4	58.1	58.2	58.5	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	57.5	58.2	58.4	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	58.4	59.1	59.2	59.5	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	61.8	62.5	62.6	62.9	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	65.2	65.9	66.0	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	66.9	67.6	67.7	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	70.3	71.0	71.1	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	72.8	73.5	73.7	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	72.9	73.7	73.8	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	74.2	75.1	75.2	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	74.9	75.8	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	75.8	76.9	77.2	77.5	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	76.9	78.2	78.5	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	78.8	80.5	81.0	81.4	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	80.6	82.6	83.1	83.7	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	83.3	85.6	86.1	86.7	87.1	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1800	83.7	86.3	86.8	87.5	88.0	88.2	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1600	84.6	87.4	88.0	88.7	89.5	89.8	90.2	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1400	85.1	88.0	88.5	89.2	90.1	90.4	90.8	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	86.5	89.7	90.2	90.9	91.8	92.1	92.5	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	86.8	90.2	90.8	91.5	92.4	92.6	93.1	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	86.8	90.5	91.2	91.9	92.8	93.1	93.5	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	87.0	90.8	91.6	92.4	93.2	93.5	93.9	94.6	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	87.3	91.4	92.2	92.9	93.8	94.1	94.5	95.2	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	87.5	91.6	92.5	93.3	94.2	94.5	94.9	95.6	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	87.7	91.9	92.8	93.9	94.8	95.0	95.5	96.2	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	87.7	92.1	92.9	94.1	94.9	95.2	95.6	96.3	96.9	97.6	97.7	97.7	97.7	97.7	97.9	97.9
≥ 300	87.8	92.4	93.2	94.3	95.2	95.5	95.9	96.6	97.2	98.0	98.4	98.6	98.7	98.9	99.2	99.2
≥ 200	87.8	92.4	93.2	94.3	95.2	95.5	95.9	96.6	97.3	98.2	98.6	98.7	98.9	99.0	99.7	100.0
≥ 100	87.8	92.4	93.2	94.3	95.2	95.5	95.9	96.6	97.3	98.2	98.6	98.7	98.9	99.0	99.7	100.0
≥ 0	87.8	92.4	93.2	94.3	95.2	95.5	95.9	96.6	97.3	98.2	98.6	98.7	98.9	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-87

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	50.5	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.8
≥ 20000	55.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6
≥ 18000	55.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6
≥ 16000	55.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1
≥ 14000	58.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
≥ 12000	61.9	62.9	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6
≥ 10000	65.4	66.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.1
≥ 9000	67.5	68.9	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6
≥ 8000	70.5	71.9	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.9
≥ 7000	72.2	73.7	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7
≥ 6000	73.1	74.5	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
≥ 5000	74.8	76.3	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4500	75.3	76.4	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
≥ 4000	76.4	78.0	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0
≥ 3500	77.7	79.5	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8
≥ 3000	78.6	80.3	80.6	81.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2
≥ 2500	79.5	81.2	81.5	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4
≥ 2000	81.4	83.3	83.6	84.6	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.6
≥ 1800	82.0	84.3	85.0	86.2	87.5	87.5	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.5
≥ 1500	82.5	84.9	85.6	86.8	88.4	88.5	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.7
≥ 1200	83.4	85.9	86.6	87.9	89.7	90.0	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.4
≥ 1000	83.6	86.5	87.2	88.5	90.2	90.7	91.3	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.6
≥ 900	83.8	86.8	87.5	88.8	90.5	91.1	91.6	92.0	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.9
≥ 800	84.1	87.2	88.1	89.4	91.1	91.6	92.1	92.6	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.4
≥ 700	84.3	87.5	88.4	89.7	91.4	91.8	92.4	92.9	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.9
≥ 600	84.3	87.5	88.4	89.7	91.7	92.1	92.7	93.2	93.2	93.6	94.0	94.0	94.0	94.0	94.0	94.3
≥ 500	84.3	87.6	88.5	89.8	91.8	92.3	93.0	93.4	93.4	93.9	94.3	94.3	94.3	94.3	94.3	94.6
≥ 400	84.3	87.6	88.6	90.5	92.7	93.4	94.2	94.6	94.6	95.3	95.8	95.8	95.8	95.8	95.8	96.1
≥ 300	84.4	88.4	89.4	91.3	93.7	94.5	95.3	95.9	96.1	96.7	97.1	97.1	97.2	97.4	97.5	97.8
≥ 200	84.4	88.4	89.4	91.4	93.9	94.6	95.5	96.1	96.2	96.9	97.4	97.5	97.7	97.8	98.4	98.8
≥ 100	84.6	88.5	89.5	91.6	94.0	94.8	95.8	96.4	96.5	97.5	98.0	98.1	98.5	98.7	99.4	100.0
≥ 0	84.6	88.5	89.5	91.6	94.0	94.8	95.8	96.4	96.5	97.5	98.0	98.1	98.5	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

29142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥3
NO CEILING	45.3	46.1	46.6	46.7	46.8	47.0	47.4	47.4	47.4	47.4	47.7	47.9	47.9	47.9	47.9	47.9
≥20000	53.4	54.9	55.3	55.6	56.0	56.2	56.6	56.6	56.6	56.6	57.3	57.3	57.3	57.6	57.6	57.7
≥18000	53.6	55.0	55.4	55.7	56.2	56.3	56.7	56.7	56.7	56.7	57.4	57.4	57.4	57.7	57.7	57.9
≥16000	54.3	55.7	56.2	56.4	56.9	57.0	57.4	57.4	57.4	57.4	58.2	58.2	58.2	58.5	58.5	58.6
≥14000	57.3	58.7	59.2	59.5	59.9	60.0	60.5	60.5	60.5	60.5	61.2	61.2	61.2	61.5	61.5	61.6
≥12000	59.9	61.3	61.7	62.0	62.5	62.8	63.2	63.3	63.3	63.3	64.0	64.0	64.0	64.3	64.3	64.5
≥10000	63.3	64.8	65.2	65.5	66.3	66.6	67.0	67.2	67.2	67.2	67.9	67.9	67.9	68.2	68.2	68.3
≥9000	66.0	67.5	67.9	68.2	69.1	69.3	69.9	70.1	70.1	70.1	70.9	70.9	70.9	71.2	71.2	71.3
≥8000	68.8	70.3	70.8	71.1	72.3	72.6	73.2	73.4	73.5	73.5	74.4	74.4	74.4	74.6	74.6	74.8
≥7000	70.8	72.6	73.1	73.4	74.6	74.9	75.6	75.8	75.9	75.9	76.8	76.8	76.8	77.1	77.1	77.2
≥6000	72.3	74.4	74.8	75.1	76.4	76.6	77.4	77.5	77.7	77.7	78.5	78.5	78.5	78.8	78.8	78.9
≥5000	73.8	75.8	76.2	76.5	77.8	78.1	78.8	78.9	79.1	79.1	79.9	79.9	79.9	80.2	80.2	80.4
≥4500	74.2	76.2	76.6	76.9	78.4	78.7	79.4	79.5	79.7	79.7	80.5	80.5	80.5	80.8	80.8	80.9
≥4000	74.9	77.1	77.5	77.9	79.4	79.7	80.4	80.5	80.7	80.7	81.5	81.5	81.5	81.8	81.8	81.9
≥3500	75.2	77.7	78.4	78.9	80.4	80.7	81.4	81.5	81.7	81.7	82.5	82.5	82.5	82.8	82.8	83.0
≥3000	75.8	78.4	79.1	79.7	81.4	81.8	82.8	83.0	83.2	83.2	84.1	84.1	84.1	84.4	84.4	84.5
≥2500	76.4	78.9	79.7	80.2	82.1	82.5	83.7	83.8	84.1	84.1	85.0	85.0	85.0	85.2	85.2	85.4
≥2000	78.4	81.1	81.9	82.5	84.8	85.8	87.2	87.7	88.0	88.1	89.0	89.0	89.0	89.3	89.3	89.4
≥1800	78.7	81.4	82.2	82.8	85.2	86.2	87.7	88.1	88.4	88.5	89.4	89.4	89.4	89.7	89.7	89.8
≥1500	78.9	81.9	83.1	83.7	86.5	87.7	89.4	89.8	90.1	90.4	91.3	91.3	91.3	91.5	91.5	91.7
≥1200	79.5	82.7	83.8	84.4	87.2	88.5	90.3	90.7	91.0	91.4	92.3	92.3	92.3	92.6	92.6	92.7
≥1000	79.7	83.0	84.1	84.7	87.8	89.1	90.8	91.3	91.5	92.0	92.8	92.8	92.8	93.1	93.1	93.3
≥900	79.8	83.2	84.4	85.0	88.3	89.5	91.4	91.8	92.1	92.6	93.4	93.4	93.4	93.7	93.7	93.8
≥800	80.1	83.5	84.7	85.2	88.5	89.8	91.7	92.1	92.6	93.0	93.8	93.8	93.8	94.1	94.3	94.4
≥700	80.2	83.8	85.0	85.5	88.8	90.1	92.0	92.4	92.8	93.4	94.3	94.3	94.3	94.7	94.8	95.0
≥600	80.2	83.8	85.0	85.7	89.0	90.3	92.6	93.0	93.4	94.0	94.8	94.8	94.8	95.3	95.4	95.7
≥500	80.2	83.8	85.0	85.7	89.0	90.4	92.7	93.3	93.7	94.4	95.3	95.3	95.3	95.7	95.8	96.1
≥400	80.2	83.8	85.0	85.7	89.0	90.4	92.8	93.8	94.3	95.1	96.1	96.1	96.1	96.6	96.7	97.0
≥300	80.2	83.8	85.1	86.0	89.3	90.7	93.3	94.6	95.0	95.8	96.8	96.8	96.8	97.6	97.9	98.1
≥200	80.2	83.8	85.1	86.0	89.3	90.7	93.3	94.6	95.1	96.0	97.0	97.1	97.1	98.0	98.6	99.0
≥100	80.2	83.8	85.1	86.0	89.3	90.7	93.3	94.6	95.1	96.0	97.0	97.1	97.1	98.0	98.6	99.0
≥0	80.2	83.8	85.1	86.0	89.3	90.7	93.3	94.6	95.1	96.0	97.0	97.1	97.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 65

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

NCV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING	49.9	50.7	51.0	51.3	51.9	52.0	52.0	52.1	52.1	52.1	52.3	52.3	52.4	52.4	52.4	52.4
≥ 20000	59.9	61.1	61.4	61.7	62.4	62.7	62.7	62.8	62.8	62.8	63.0	63.0	63.1	63.1	63.1	63.1
≥ 18000	60.3	61.5	61.8	62.1	62.8	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.5	63.5	63.5	63.5
≥ 16000	61.5	62.8	63.1	63.4	64.1	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.8	64.8	64.8	64.8
≥ 14000	64.1	65.5	65.9	66.1	66.8	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.5
≥ 12000	66.2	67.8	68.1	68.4	69.2	69.5	69.5	69.7	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9
≥ 10000	68.7	70.4	70.7	71.1	71.9	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6
≥ 9000	70.8	72.5	72.8	73.2	74.4	74.6	74.9	75.1	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5
≥ 8000	71.7	73.5	73.8	74.2	75.5	76.1	76.8	77.1	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5
≥ 7000	72.8	74.8	75.1	75.5	76.8	77.4	78.3	78.6	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.1
≥ 6000	73.5	75.5	75.8	76.2	77.5	78.1	79.1	79.3	79.3	79.5	79.6	79.6	79.8	79.8	79.8	79.8
≥ 5000	74.8	76.8	77.1	77.5	78.8	79.3	80.5	80.8	80.8	80.9	81.1	81.1	81.2	81.2	81.2	81.2
≥ 4500	75.6	77.6	77.9	78.3	79.8	80.3	81.5	81.8	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.2
≥ 4000	76.2	78.8	79.1	79.5	80.9	81.6	82.8	83.0	83.0	83.2	83.3	83.3	83.5	83.5	83.5	83.5
≥ 3500	76.8	79.5	80.1	80.5	82.1	82.8	84.0	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.8	84.8
≥ 3000	77.6	80.5	81.2	81.6	83.6	84.3	85.6	86.0	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.6
≥ 2500	79.1	81.9	82.8	83.2	85.5	86.2	87.5	87.9	87.9	88.2	88.3	88.3	88.5	88.5	88.5	88.5
≥ 2000	79.8	82.8	83.6	84.2	86.8	87.6	89.0	89.6	89.6	89.9	90.0	90.0	90.3	90.3	90.3	90.3
≥ 1800	79.9	83.0	83.9	84.6	87.2	88.0	89.5	90.2	90.2	90.5	90.6	90.6	90.9	90.9	90.9	90.9
≥ 1500	80.3	83.8	84.8	85.5	88.9	89.9	91.6	92.6	92.6	92.9	93.0	93.0	93.3	93.3	93.3	93.3
≥ 1200	81.3	84.8	86.2	87.2	90.6	91.6	93.3	94.3	94.3	94.7	94.9	94.9	95.2	95.2	95.2	95.2
≥ 1000	81.8	85.5	86.9	88.2	91.9	92.9	94.6	95.6	95.6	96.0	96.2	96.2	96.4	96.4	96.4	96.4
≥ 900	82.2	86.0	87.5	88.7	92.5	93.4	95.2	96.3	96.3	96.7	96.9	96.9	97.2	97.2	97.2	97.2
≥ 800	82.5	86.3	87.7	89.0	92.7	93.7	95.4	96.6	96.6	97.0	97.2	97.2	97.4	97.4	97.4	97.4
≥ 700	82.6	86.5	87.9	89.2	92.9	93.9	95.6	96.7	96.9	97.4	97.7	97.7	98.0	98.0	98.0	98.0
≥ 600	82.6	86.5	87.9	89.2	92.9	93.9	95.6	96.9	97.0	97.6	97.9	97.9	98.1	98.1	98.1	98.1
≥ 500	82.6	86.5	87.9	89.2	93.0	94.0	95.7	97.2	97.3	97.9	98.1	98.1	98.4	98.4	98.4	98.4
≥ 400	82.6	86.5	87.9	89.2	93.0	94.0	95.9	97.4	97.6	98.1	98.4	98.4	98.7	98.7	98.7	98.7
≥ 300	82.6	86.5	87.9	89.2	93.0	94.0	95.9	97.6	97.9	98.6	98.9	98.9	99.1	99.1	99.1	99.1
≥ 200	82.6	86.5	87.9	89.2	93.0	94.0	95.9	98.1	98.4	99.1	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100	82.6	86.5	87.9	89.2	93.0	94.0	95.9	98.1	98.4	99.1	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0	82.6	86.5	87.9	89.2	93.0	94.0	95.9	98.1	98.4	99.1	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	52.2	53.6	53.7	53.9	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 2500	60.0	61.7	61.8	62.0	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 1800	60.3	62.0	62.1	62.2	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1600	60.7	62.4	62.5	62.7	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 1400	63.9	65.8	65.9	66.1	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	66.3	68.3	68.5	68.6	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1000	68.2	70.3	70.4	70.6	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 900	69.9	72.0	72.1	72.3	73.1	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 800	71.7	73.8	74.0	74.1	75.1	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 700	72.4	74.7	75.0	75.1	76.4	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 600	73.4	75.7	76.0	76.1	77.4	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 500	74.8	77.1	77.4	77.5	78.8	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 450	75.8	78.1	78.4	78.5	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 400	76.9	78.8	79.1	79.2	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 350	77.5	79.8	80.2	80.3	81.9	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 300	78.9	81.3	81.9	82.0	83.6	84.4	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 250	80.8	83.7	84.3	84.7	86.3	87.3	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 200	81.9	85.7	86.3	86.8	89.0	90.1	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 180	81.9	85.9	86.4	87.0	89.3	90.4	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 150	82.6	86.6	87.3	88.3	90.7	92.2	92.8	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 120	82.9	87.1	87.8	89.3	91.9	93.5	94.1	94.2	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	83.5	87.7	88.4	89.8	92.9	94.6	95.2	95.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 90	83.8	88.0	88.7	90.2	93.4	95.0	95.6	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 80	83.9	88.4	89.1	90.7	93.8	95.5	96.0	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 70	84.2	88.8	89.5	91.1	94.2	96.0	96.6	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 60	84.2	89.3	90.1	91.7	94.9	96.7	97.5	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 50	84.2	89.3	90.1	91.7	94.9	96.7	97.5	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 40	84.2	89.3	90.1	91.7	95.0	96.9	97.6	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 30	84.2	89.3	90.1	91.9	95.3	97.2	98.0	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 20	84.2	89.3	90.1	91.9	95.5	97.3	98.2	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 10	84.2	89.3	90.1	91.9	95.5	97.3	98.2	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.2	89.3	90.1	91.9	95.5	97.3	98.2	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 70

U.S. AIR FORCE
 CLIMATE BRANCH
 METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 WASHINGTON IAP CN

73-80

VOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 2500	54.3	54.9	54.9	55.2	55.5	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 2000	61.5	61.2	61.2	61.5	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1500	61.0	61.5	61.5	61.8	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1000	61.0	61.7	61.7	62.0	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 800	63.4	64.1	64.1	64.4	64.7	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 600	65.6	66.4	66.4	66.7	67.0	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 400	68.6	69.5	69.7	70.2	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 300	69.6	70.5	70.7	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 200	72.0	73.1	73.3	73.8	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 100	72.9	74.1	74.4	74.8	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 50	73.8	74.9	75.2	75.6	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 0	75.6	76.8	77.1	77.5	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	77.2	78.5	78.8	79.3	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	78.5	79.8	80.1	80.5	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1500	79.1	80.4	80.7	81.1	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1000	81.1	82.6	82.9	83.3	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 800	82.0	83.4	83.7	84.1	84.9	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 600	84.6	86.2	86.5	86.9	87.9	88.0	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	85.2	86.9	87.2	87.6	88.6	88.8	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 300	86.5	88.3	88.6	89.0	90.5	90.6	91.2	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8
≥ 200	87.2	89.0	89.3	89.8	91.4	91.6	92.4	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 100	88.0	89.9	90.3	90.9	92.5	92.9	93.7	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 50	88.5	90.5	90.9	91.5	93.1	93.5	94.2	94.5	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0	88.8	90.9	91.4	91.9	93.5	93.9	94.7	95.1	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	88.9	91.4	91.8	92.4	93.9	94.4	95.2	95.7	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	89.2	91.9	92.4	92.9	94.5	95.0	95.8	96.3	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	89.2	92.2	92.8	93.4	95.0	95.4	96.3	96.7	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	89.5	92.8	93.4	93.9	95.5	96.0	97.0	97.6	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.1	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.1	98.4	99.1	99.3	99.3	99.4	99.4	99.6	99.6
≥ 400	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.3	98.6	99.4	99.6	99.6	99.7	99.7	100.0	100.0
≥ 300	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.3	98.6	99.4	99.6	99.6	99.7	99.7	100.0	100.0
≥ 200	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.3	98.6	99.4	99.6	99.6	99.7	99.7	100.0	100.0
≥ 100	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.3	98.6	99.4	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	89.5	92.8	93.4	94.2	95.8	96.4	97.6	98.3	98.6	99.4	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 694

2
GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
4TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING ≥ 20000	55.2	56.5	56.5	56.5	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
≥ 18000	58.7	60.0	60.0	60.0	60.0	60.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7
≥ 16000	58.9	60.2	60.2	60.2	60.2	60.3	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.9	60.9
≥ 14000	59.2	60.5	60.5	60.5	60.5	60.6	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2
≥ 12000	61.7	63.0	63.0	63.0	63.0	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7
≥ 10000	64.2	65.4	65.4	65.4	65.4	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1
≥ 9000	66.9	68.3	68.3	68.3	68.3	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0	69.0
≥ 8000	68.7	70.1	70.1	70.1	70.1	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥ 7000	70.7	72.1	72.1	72.1	72.1	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 6000	73.0	74.4	74.4	74.4	74.4	74.5	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 5000	73.8	75.2	75.2	75.2	75.2	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 4500	75.2	76.7	76.7	76.7	76.7	76.8	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 4000	75.7	77.2	77.2	77.2	77.2	77.4	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1
≥ 3500	78.0	79.5	79.5	79.5	79.5	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 3000	79.4	80.9	81.1	81.1	81.1	81.2	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 2500	80.5	82.2	82.5	82.5	82.5	82.6	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 2000	81.5	83.2	83.5	83.5	83.5	83.6	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 1800	83.2	85.1	85.3	85.3	86.1	86.5	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1600	83.6	85.5	85.8	85.8	86.5	86.9	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.1	88.1
≥ 1500	84.5	86.6	87.1	87.2	88.1	88.5	89.3	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1200	86.1	88.3	88.8	88.9	89.9	90.5	91.3	91.7	91.7	92.0	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1000	86.8	89.0	89.5	89.6	90.8	91.3	92.2	92.6	92.6	92.9	93.0	93.0	93.0	93.0	93.2	93.2
≥ 900	87.1	89.6	90.2	90.3	91.6	92.2	93.0	93.5	93.5	93.7	93.9	93.9	93.9	93.9	94.0	94.0
≥ 800	87.3	90.2	90.6	91.2	92.6	93.3	94.2	94.7	94.7	95.0	95.2	95.2	95.2	95.2	95.3	95.3
≥ 700	87.5	90.3	90.8	91.5	93.2	93.9	94.7	95.4	95.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0
≥ 600	87.6	90.5	91.2	91.9	93.6	94.3	95.2	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.4	96.4
≥ 500	87.9	90.9	91.6	92.5	94.5	95.2	96.0	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.3	97.3
≥ 400	88.2	91.6	92.6	93.5	95.6	96.3	97.2	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 300	88.2	91.6	92.6	93.5	95.6	96.4	97.4	98.2	98.4	99.0	99.1	99.1	99.1	99.1	99.4	99.4
≥ 200	88.2	91.6	92.6	93.5	95.6	96.4	97.6	98.3	98.6	99.1	99.4	99.6	99.6	99.6	99.9	100.0
≥ 100	88.2	91.6	92.6	93.5	95.6	96.4	97.6	98.3	98.6	99.1	99.4	99.6	99.6	99.6	99.9	100.0
≥ 0	88.2	91.6	92.6	93.5	95.6	96.4	97.6	98.3	98.6	99.1	99.4	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 70

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	51.9	52.8	53.0	53.1	53.4	53.5	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥20000	57.9	59.0	59.2	59.4	59.7	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.2
≥18000	58.1	59.2	59.4	59.6	59.9	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5
≥16000	58.5	59.6	59.8	60.0	60.3	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.8	60.9
≥14000	60.9	62.0	62.1	62.3	62.7	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.3
≥12000	63.7	64.9	65.0	65.2	65.6	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2
≥10000	66.5	67.8	68.0	68.2	68.6	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.2	69.3
≥9000	68.3	69.6	69.8	70.0	70.5	70.7	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.3
≥8000	70.7	72.0	72.2	72.5	73.1	73.3	73.6	73.6	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.0
≥7000	72.3	73.7	74.0	74.2	74.8	75.1	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.8
≥6000	73.2	74.6	74.8	75.1	75.7	76.0	76.3	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.7
≥5000	74.6	76.1	76.3	76.6	77.2	77.4	77.8	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.2
≥4500	75.4	76.9	77.1	77.4	78.1	78.3	78.6	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.1
≥4000	76.5	78.2	78.5	78.7	79.4	79.7	80.0	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.5
≥3500	77.4	79.2	79.5	79.9	80.7	80.9	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.7
≥3000	78.8	80.7	81.2	81.6	82.5	82.9	83.3	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.8
≥2500	80.0	82.1	82.6	83.1	84.1	84.5	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.5
≥2000	81.8	84.2	84.7	85.3	86.7	87.2	87.9	88.1	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.6
≥1800	82.2	84.7	85.3	85.9	87.4	87.9	88.7	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.5	89.5
≥1500	82.9	85.6	86.3	87.0	88.8	89.5	90.3	90.7	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.4
≥1200	83.7	86.6	87.3	88.2	90.1	90.8	91.7	92.2	92.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9
≥1000	84.4	87.4	88.2	89.1	91.2	91.9	92.9	93.4	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥900	84.6	87.8	88.6	89.5	91.6	92.3	93.3	93.8	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.6
≥800	84.9	88.2	89.0	89.9	92.0	92.8	93.7	94.2	94.4	94.7	95.0	95.0	95.1	95.1	95.1	95.1
≥700	85.0	88.5	89.3	90.3	92.4	93.2	94.2	94.7	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7
≥600	85.1	88.7	89.6	90.6	92.8	93.6	94.7	95.2	95.5	95.9	96.2	96.2	96.2	96.3	96.3	96.3
≥500	85.2	88.8	89.8	90.8	93.0	93.8	94.9	95.5	95.8	96.2	96.5	96.5	96.6	96.6	96.6	96.6
≥400	85.4	89.1	90.1	91.3	93.6	94.5	95.6	96.3	96.6	97.1	97.4	97.4	97.5	97.5	97.6	97.6
≥300	85.4	89.3	90.4	91.7	94.1	95.0	96.2	97.0	97.3	97.9	98.2	98.2	98.4	98.4	98.5	98.5
≥200	85.4	89.3	90.4	91.7	94.2	95.1	96.3	97.3	97.6	98.3	98.7	98.7	99.0	99.1	99.3	99.3
≥100	85.5	89.4	90.4	91.7	94.2	95.1	96.4	97.3	97.7	98.5	98.9	98.9	99.2	99.3	99.6	100.0
≥0	85.5	89.4	90.4	91.7	94.2	95.1	96.4	97.3	97.7	98.5	98.9	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 559

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	47.5	48.0	48.3	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.9	48.9	48.9	48.9	49.7	49.3
≥ 20000	51.3	52.4	52.7	53.1	53.1	53.2	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.6	53.9
≥ 18000	52.1	52.7	52.9	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.9	54.2
≥ 16000	52.4	52.9	53.2	53.6	53.6	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.2	54.5
≥ 14000	53.8	54.3	54.6	55.0	55.0	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.6	55.9
≥ 12000	55.4	56.0	56.3	56.7	56.7	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.3	57.5
≥ 10000	58.1	58.7	58.9	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.9	60.2
≥ 9000	59.2	59.8	60.1	60.6	60.6	60.9	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.7
≥ 8000	61.9	62.4	62.7	63.5	63.7	63.8	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.4	64.7
≥ 7000	64.9	65.5	65.8	66.6	66.8	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.5	67.7
≥ 6000	65.8	66.5	66.8	67.6	67.7	67.9	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.7
≥ 5000	67.2	68.6	69.1	70.1	70.3	70.4	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.1	71.4
≥ 4500	69.1	69.8	71.7	71.6	71.8	71.9	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.9
≥ 4000	70.8	71.8	72.6	73.9	74.0	74.2	74.4	74.6	74.6	74.7	74.9	74.9	74.9	74.9	75.0	75.3
≥ 3500	71.8	72.9	73.7	75.0	75.1	75.3	75.6	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.1	76.4
≥ 3000	74.3	75.6	76.4	77.7	77.8	77.9	78.4	78.5	78.5	78.6	78.8	78.8	78.8	78.8	78.9	79.2
≥ 2500	76.0	77.4	78.2	79.6	80.0	80.2	80.6	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.4
≥ 2000	77.7	79.6	80.4	81.8	82.4	82.7	83.2	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.9	84.2
≥ 1800	78.1	80.0	80.9	82.3	82.8	83.1	83.9	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.6	84.9
≥ 1500	79.3	81.8	82.4	84.2	84.9	85.2	86.0	86.5	86.5	86.7	86.9	86.9	86.9	86.9	87.0	87.3
≥ 1200	80.4	83.1	84.1	85.6	86.5	86.9	88.4	89.2	89.2	89.5	89.7	89.7	89.7	89.7	89.8	90.1
≥ 1000	80.9	83.5	84.5	86.0	87.0	87.4	89.1	90.5	91.1	91.5	91.6	91.6	91.6	91.6	91.8	92.0
≥ 900	81.1	83.8	84.8	86.3	87.3	87.7	89.4	90.9	91.5	91.9	92.2	92.2	92.2	92.2	92.3	92.6
≥ 800	81.6	84.4	85.3	86.9	87.8	88.3	90.1	91.6	92.2	92.7	93.0	93.0	93.0	93.0	93.2	93.4
≥ 700	81.7	84.6	85.6	87.3	88.3	88.7	90.6	92.3	92.9	93.6	94.3	94.3	94.3	94.3	94.4	94.7
≥ 600	82.1	85.1	86.0	87.7	88.8	89.2	91.2	92.9	93.4	94.1	94.8	94.8	94.8	94.8	95.0	95.3
≥ 500	82.4	85.3	86.3	88.0	89.1	89.5	91.5	93.3	94.0	94.8	95.5	95.5	95.5	95.5	95.7	95.9
≥ 400	82.5	85.5	86.7	88.5	89.7	90.1	92.0	93.9	94.6	95.4	96.1	96.1	96.1	96.1	96.2	96.5
≥ 300	82.7	85.6	87.2	89.1	90.2	90.6	92.6	94.7	95.5	96.6	97.3	97.3	97.3	97.3	97.5	97.8
≥ 200	82.7	85.6	87.3	89.2	90.6	91.2	93.2	95.4	96.2	97.3	98.7	98.7	98.7	99.2	99.3	99.7
≥ 100	82.7	85.6	87.3	89.2	90.6	91.2	93.2	95.4	96.2	97.3	98.9	98.9	98.9	99.3	99.4	99.9
≥ 0	82.7	85.6	87.3	89.2	90.6	91.2	93.2	95.4	96.2	97.3	99.0	99.0	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 716

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
NO CEILING ≥ 20000	41.4	42.6	42.7	42.8	43.1	43.3	43.3	43.3	43.4	43.5	43.9	43.9	44.4	44.4	44.5	44.9
≥ 18000	46.0	47.1	47.4	47.6	47.8	48.0	48.0	48.0	48.1	48.3	48.7	48.7	49.1	49.1	49.2	49.7
≥ 16000	46.0	47.1	47.4	47.6	47.8	48.0	48.0	48.0	48.1	48.3	48.7	48.7	49.1	49.1	49.2	49.7
≥ 14000	47.4	48.5	48.8	49.0	49.2	49.4	49.4	49.4	49.5	49.7	50.1	50.1	50.5	50.5	50.6	51.0
≥ 12000	48.8	49.9	50.2	50.3	50.6	50.8	50.8	50.8	50.9	51.0	51.5	51.5	51.9	51.9	52.0	52.4
≥ 10000	52.0	53.1	53.4	53.5	53.8	54.0	54.0	54.0	54.1	54.2	54.7	54.7	55.1	55.1	55.2	55.6
≥ 9000	53.0	54.1	54.5	54.7	55.1	55.2	55.2	55.2	55.4	55.5	55.9	55.9	56.3	56.3	56.5	56.9
≥ 8000	56.1	57.3	57.7	57.9	58.4	58.6	58.6	58.6	58.7	58.8	59.2	59.2	59.7	59.7	59.8	60.2
≥ 7000	58.7	60.4	60.9	61.2	61.8	61.9	61.9	61.9	62.0	62.2	62.6	62.6	63.0	63.0	63.1	63.6
≥ 6000	59.9	61.6	62.2	62.6	63.1	63.3	63.3	63.3	63.4	63.6	64.0	64.0	64.4	64.4	64.5	65.0
≥ 5000	63.9	65.6	66.3	66.8	67.3	67.5	67.6	67.6	67.7	67.9	68.3	68.3	68.7	68.7	68.8	69.3
≥ 4500	65.7	66.9	67.6	68.0	68.6	68.7	68.8	68.8	69.0	69.1	69.5	69.5	70.0	70.0	70.1	70.5
≥ 4000	67.2	69.5	70.2	70.9	71.5	71.6	71.8	71.8	71.9	72.0	72.5	72.5	72.9	72.9	73.0	73.4
≥ 3500	68.7	71.1	71.8	72.5	73.2	73.3	73.6	73.6	73.7	73.9	74.3	74.3	74.7	74.7	74.8	75.2
≥ 3000	71.3	74.1	74.8	75.5	76.4	76.8	77.1	77.1	77.2	77.3	77.7	77.7	78.2	78.2	78.3	78.7
≥ 2500	73.3	76.2	77.3	78.0	79.0	79.4	79.7	79.8	80.0	80.1	80.5	80.5	80.9	80.9	81.1	81.5
≥ 2000	75.7	79.0	80.3	81.2	82.6	83.0	83.3	83.6	83.7	83.9	84.3	84.3	84.7	84.7	84.8	85.3
≥ 1800	76.4	79.8	81.1	82.1	83.4	84.0	84.6	84.8	85.0	85.1	85.5	85.5	86.0	86.0	86.1	86.5
≥ 1500	78.2	81.8	83.0	84.0	85.7	86.2	86.8	87.2	87.3	87.5	87.9	87.9	88.3	88.3	88.5	88.9
≥ 1200	79.0	82.6	83.9	85.1	87.1	87.6	88.2	88.7	89.0	89.2	89.6	89.6	90.0	90.0	90.1	90.5
≥ 1000	79.8	83.4	84.7	86.1	88.5	89.2	89.7	91.1	91.4	91.7	92.1	92.1	92.5	92.5	92.6	93.0
≥ 900	80.1	83.7	85.0	86.4	88.7	89.6	90.1	91.5	91.8	92.1	92.5	92.8	93.2	93.2	93.3	93.7
≥ 800	80.1	83.7	85.0	86.5	88.9	89.7	90.3	91.7	91.9	92.4	92.8	93.0	93.5	93.5	93.6	94.0
≥ 700	80.3	83.9	85.1	86.8	89.2	90.0	90.5	92.1	92.4	92.8	93.2	93.5	93.9	93.9	94.0	94.4
≥ 600	80.5	84.7	86.0	87.6	90.1	91.1	91.8	93.3	93.6	94.0	94.4	94.7	95.3	95.3	95.4	95.8
≥ 500	81.4	85.3	86.6	88.5	91.1	92.1	92.8	94.3	94.6	95.0	95.4	95.7	96.2	96.2	96.4	96.8
≥ 400	81.5	85.5	86.9	88.7	91.4	92.4	93.0	94.6	95.0	95.4	95.8	96.1	96.7	96.7	96.8	97.2
≥ 300	81.6	85.7	87.1	88.9	91.7	92.6	93.3	94.9	95.5	96.0	96.4	96.8	97.4	97.4	97.5	97.9
≥ 200	81.8	86.0	87.3	89.2	91.9	92.9	93.6	95.1	95.8	96.2	97.2	97.6	98.2	98.2	98.5	99.0
≥ 100	81.9	86.1	87.5	89.3	92.1	93.0	93.9	95.4	96.1	97.2	98.2	98.6	99.2	99.2	99.4	100.0
≥ 0	81.9	86.1	87.5	89.3	92.1	93.0	93.9	95.4	96.1	97.2	98.2	98.6	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	40.2	41.2	41.4	41.5	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.6	42.7
≥ 20000	44.3	45.2	45.4	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.6	46.7
≥ 18000	44.3	45.2	45.4	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.6	46.7
≥ 16000	44.3	45.2	45.4	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.6	46.7
≥ 14000	45.2	46.2	46.3	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.2	47.6	47.7
≥ 12000	48.4	49.4	49.5	49.7	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.8	50.9
≥ 10000	51.7	52.7	52.8	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.7	54.1	54.2
≥ 9000	53.9	54.9	55.0	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	56.3	56.4
≥ 8000	57.0	58.5	58.6	58.9	59.1	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9	60.3	60.4
≥ 7000	60.3	61.8	62.0	62.5	62.7	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.9	64.0
≥ 6000	62.1	63.6	63.9	64.5	64.6	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.6	66.0	66.1
≥ 5000	64.2	65.8	66.1	66.7	66.8	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	68.2	68.3
≥ 4500	65.6	67.5	67.9	68.5	68.7	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	70.1	70.3
≥ 4000	67.8	69.8	70.3	71.0	71.2	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.6	72.8
≥ 3500	69.3	71.5	72.1	72.9	73.2	73.3	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.6	74.7
≥ 3000	72.3	75.2	75.8	76.9	77.6	77.7	78.3	78.8	78.8	78.8	78.8	78.8	78.8	79.1	79.5	79.7
≥ 2500	73.6	76.9	77.5	78.7	79.4	79.7	80.2	80.8	80.8	80.8	80.8	80.8	80.8	81.1	81.5	81.6
≥ 2000	76.1	79.9	80.5	81.9	83.0	83.5	84.2	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.6	85.8
≥ 1800	77.3	80.9	81.7	83.1	84.4	85.1	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.7	87.1	87.3
≥ 1500	78.3	82.2	83.1	84.8	86.2	86.9	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.8	89.2	89.3
≥ 1200	79.1	83.0	84.4	86.2	87.7	88.4	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.9	91.3
≥ 1000	80.3	84.2	85.9	88.0	89.5	90.7	91.7	92.8	92.9	93.2	93.2	93.2	93.2	93.5	93.9	94.1
≥ 900	80.5	84.8	86.4	88.7	90.2	91.4	92.4	93.5	93.6	93.9	94.1	94.1	94.1	94.3	94.7	94.9
≥ 800	80.6	84.9	86.6	88.9	90.5	91.7	92.7	93.8	93.9	94.2	94.5	94.5	94.5	94.7	95.2	95.4
≥ 700	80.6	84.9	86.6	88.9	90.5	91.7	92.7	93.8	94.1	94.3	94.7	94.7	94.7	95.0	95.4	95.6
≥ 600	81.1	85.3	87.0	89.3	90.9	92.1	93.1	94.2	94.5	94.7	95.2	95.2	95.2	95.4	95.9	96.0
≥ 500	81.1	85.5	87.1	89.5	91.1	92.4	93.5	94.6	94.9	95.2	95.6	95.6	95.6	95.9	96.3	96.4
≥ 400	81.1	85.5	87.1	89.5	91.1	92.4	93.5	94.6	94.9	95.2	95.6	96.0	96.0	96.3	96.7	96.8
≥ 300	81.1	85.5	87.1	89.5	91.1	92.4	93.5	94.6	94.9	95.2	95.6	96.0	96.0	96.3	96.7	96.8
≥ 200	81.2	85.9	87.7	90.2	92.1	93.6	94.7	96.0	96.4	97.0	97.5	97.6	97.6	97.9	98.3	98.6
≥ 100	81.2	86.0	87.8	90.3	92.3	93.8	94.9	96.1	96.5	97.1	97.8	98.1	98.3	98.8	99.0	99.3
≥ 0	81.2	86.0	87.8	90.3	92.3	93.8	94.9	96.1	96.5	97.1	97.9	98.2	98.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
INAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	35.9	36.6	36.8	37.3	37.9	38.0	38.2	38.3	38.5	38.6	38.9	38.9	38.9	39.0	39.2	39.3
≥ 20000	42.5	43.5	43.9	44.6	45.2	45.3	45.5	45.6	45.7	46.0	46.3	46.3	46.4	46.6	46.7	46.9
≥ 18000	42.5	43.8	44.2	44.9	45.5	45.6	45.7	45.9	46.0	46.3	46.6	46.6	46.7	46.9	47.0	47.1
≥ 16000	42.9	43.8	44.2	44.9	45.5	45.6	45.7	45.9	46.0	46.3	46.6	46.6	46.7	46.9	47.0	47.1
≥ 14000	44.3	45.3	45.7	46.4	47.0	47.1	47.3	47.4	47.6	47.8	48.1	48.1	48.3	48.4	48.5	48.7
≥ 12000	48.3	49.4	49.8	50.5	51.0	51.2	51.3	51.5	51.6	51.9	52.2	52.2	52.3	52.4	52.6	52.7
≥ 10000	53.1	54.3	54.7	55.4	55.9	56.1	56.2	56.4	56.5	56.8	57.1	57.1	57.2	57.3	57.5	57.6
≥ 9000	55.5	56.9	57.3	58.2	58.9	59.0	59.4	59.6	59.7	60.0	60.3	60.3	60.4	60.6	60.7	60.8
≥ 8000	57.8	59.2	59.6	60.4	61.1	61.3	61.8	62.0	62.1	62.4	62.7	62.7	62.8	62.9	63.1	63.2
≥ 7000	61.5	63.1	63.5	64.3	65.2	65.3	66.0	66.3	66.4	66.7	67.0	67.0	67.1	67.3	67.4	67.6
≥ 6000	62.1	63.6	64.1	64.9	65.7	65.9	66.9	67.3	67.4	67.7	68.0	68.0	68.1	68.3	68.4	68.5
≥ 5000	65.6	67.1	67.7	68.7	69.5	69.7	70.8	71.2	71.3	71.6	71.9	71.9	72.0	72.2	72.3	72.4
≥ 4500	67.3	68.8	69.4	70.3	71.3	71.6	72.9	73.3	73.4	73.7	74.0	74.0	74.1	74.3	74.4	74.5
≥ 4000	68.8	70.5	71.0	72.0	73.0	73.3	74.5	75.0	75.1	75.4	75.7	75.7	75.8	75.9	76.1	76.2
≥ 3500	69.5	71.3	71.9	72.9	73.8	74.1	75.4	75.9	76.1	76.4	76.6	76.6	76.8	76.9	77.1	77.2
≥ 3000	70.9	72.9	73.7	74.8	75.8	76.6	78.0	78.9	79.0	79.4	79.7	79.7	79.9	80.0	80.1	80.3
≥ 2500	72.2	74.4	75.2	76.4	77.6	78.5	79.9	80.7	80.8	81.3	81.7	81.7	81.8	82.0	82.1	82.2
≥ 2000	73.6	75.9	76.8	77.9	79.4	81.1	82.7	83.9	84.1	84.5	84.9	84.9	85.0	85.2	85.3	85.5
≥ 1800	74.1	76.9	77.8	78.9	80.6	82.2	83.8	85.0	85.2	85.6	86.0	86.0	86.2	86.3	86.4	86.6
≥ 1500	74.4	77.2	78.0	79.4	81.1	82.9	84.6	86.2	86.4	87.0	87.4	87.4	87.6	87.7	87.8	88.0
≥ 1200	75.1	78.0	78.9	80.6	82.5	84.5	86.2	88.1	88.4	89.1	89.7	89.7	90.1	90.2	90.3	90.5
≥ 1000	75.2	78.3	79.2	81.4	83.6	85.9	87.7	90.1	90.6	91.3	92.0	92.0	92.6	92.7	92.9	93.0
≥ 900	75.2	78.5	79.3	81.8	84.1	86.3	88.1	90.5	91.0	92.0	93.0	93.1	93.7	93.8	94.0	94.1
≥ 800	75.5	78.7	79.6	82.1	84.5	86.7	88.5	91.2	91.7	92.9	93.8	94.1	94.7	95.0	95.1	95.2
≥ 700	75.7	78.9	79.7	82.2	84.9	87.3	89.2	91.9	92.4	93.6	94.8	95.4	95.9	96.2	96.4	96.5
≥ 600	75.8	79.0	80.0	82.7	85.3	87.7	89.7	92.3	92.9	94.0	95.2	95.8	96.5	96.8	96.9	97.1
≥ 500	75.8	79.0	80.0	82.7	85.3	87.7	89.7	92.3	92.9	94.1	95.4	95.9	96.8	97.1	97.5	97.6
≥ 400	75.8	79.0	80.0	82.7	85.3	88.1	90.1	92.7	93.3	94.5	95.8	96.4	97.2	97.5	97.9	98.0
≥ 300	75.8	79.0	80.0	82.7	85.9	88.3	90.3	93.0	93.6	94.8	96.1	96.6	97.5	97.8	98.5	98.7
≥ 200	75.8	79.0	80.0	82.7	85.9	88.4	90.5	93.1	93.7	95.1	96.4	97.1	97.9	98.2	98.9	99.2
≥ 100	75.8	79.0	80.0	82.7	85.9	88.4	90.5	93.1	93.7	95.1	96.5	97.2	98.3	98.6	99.3	99.7
≥ 0	75.9	79.0	80.0	82.7	85.9	88.4	90.5	93.1	93.7	95.2	96.6	97.3	98.5	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	36.3	40.0	41.7	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5
≥ 18000	50.9	52.7	53.7	53.8	53.8	54.0	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.3
≥ 16000	51.5	53.3	54.3	54.4	54.4	54.5	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
≥ 14000	53.1	55.0	55.9	56.1	56.1	56.2	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 12000	58.2	60.1	61.1	61.3	61.3	61.5	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 10000	61.4	63.5	64.6	64.8	64.8	65.0	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥ 9000	64.2	66.3	67.4	67.7	67.7	68.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7
≥ 8000	66.3	68.4	69.5	70.1	70.2	70.9	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6
≥ 7000	67.7	70.1	71.2	71.9	72.0	72.7	73.8	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4
≥ 6000	68.5	70.9	72.2	72.9	73.0	73.7	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.4	75.4
≥ 5000	70.2	72.7	74.0	74.7	74.8	75.5	76.9	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4500	71.6	74.4	75.8	76.8	76.9	77.6	79.0	79.6	79.6	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 4000	72.9	75.7	77.1	78.2	78.6	79.3	80.7	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 3500	73.1	75.9	77.3	78.5	78.9	79.6	81.0	81.7	81.7	82.0	82.1	82.1	82.1	82.1	82.2	82.2
≥ 3000	73.8	76.9	78.5	79.7	80.4	81.3	82.7	84.1	84.1	84.6	84.8	84.8	84.8	84.8	84.9	84.9
≥ 2500	74.5	77.8	79.4	80.8	81.7	82.5	83.9	85.3	85.3	85.9	86.0	86.0	86.0	86.0	86.2	86.2
≥ 2000	75.1	78.7	80.8	82.2	83.4	84.5	86.0	87.4	87.6	88.1	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1800	75.8	79.4	81.5	83.1	84.2	85.3	87.0	88.7	88.8	89.4	89.5	89.5	89.5	89.7	89.8	89.8
≥ 1500	76.1	79.9	82.0	84.1	85.9	87.1	88.8	90.5	90.6	91.5	91.6	91.6	91.6	91.9	92.0	92.0
≥ 1200	76.4	80.1	82.4	84.8	86.9	88.3	89.9	92.0	92.2	93.0	93.1	93.3	93.6	93.6	93.7	93.7
≥ 1000	76.9	80.4	82.7	85.0	87.3	88.7	90.3	92.7	92.9	93.7	94.1	94.3	94.5	94.5	94.7	94.7
≥ 900	76.6	80.7	82.9	85.3	87.6	89.0	90.6	93.0	93.1	94.3	94.7	94.8	95.1	95.1	95.2	95.2
≥ 800	76.6	81.0	83.2	85.6	87.8	89.2	90.9	93.4	93.6	94.7	95.2	95.8	96.1	96.9	96.9	96.9
≥ 700	76.9	81.5	83.8	86.2	88.4	89.8	91.5	94.0	94.1	95.2	95.8	96.1	96.9	96.9	97.1	97.1
≥ 600	77.1	81.8	84.1	86.4	88.6	90.2	91.9	94.4	94.5	95.7	96.2	96.5	97.3	97.3	97.5	97.5
≥ 500	77.2	82.0	84.5	87.0	89.4	90.8	92.4	95.0	95.1	96.2	96.9	97.2	98.2	98.2	98.5	98.5
≥ 400	77.2	82.0	84.5	87.0	89.4	90.8	92.6	95.1	95.2	96.4	97.1	97.3	98.3	98.3	98.6	98.6
≥ 300	77.2	82.0	84.5	87.0	89.5	90.9	92.9	95.7	95.8	97.1	97.8	98.0	99.0	99.0	99.3	99.3
≥ 200	77.2	82.0	84.5	87.0	89.5	90.9	92.9	95.9	96.1	97.3	98.0	98.3	99.4	99.4	99.7	99.7
≥ 100	77.2	82.0	84.5	87.0	89.5	90.9	92.9	95.9	96.1	97.3	98.0	98.3	99.4	99.4	99.7	100.0
≥ 0	77.2	82.0	84.5	87.0	89.5	90.9	92.9	95.9	96.1	97.3	98.0	98.3	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 715

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 142
STATION

EDMONTON IAP CN
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	41.4	42.6	42.9	42.9	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	49.6	50.8	51.1	51.3	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	49.7	51.0	51.3	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 6000	49.9	51.1	51.4	51.5	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	51.7	52.9	53.2	53.3	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 2000	56.7	58.2	58.5	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	59.3	60.8	61.1	61.4	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	61.9	63.5	63.8	64.2	64.4	64.7	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	65.3	66.9	67.5	68.1	68.3	68.6	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	67.1	68.8	69.7	70.4	70.7	71.0	71.1	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	68.1	69.7	70.7	71.4	71.7	71.9	72.1	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	70.3	72.1	73.1	73.8	74.0	74.3	74.4	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	71.0	72.9	73.9	74.6	74.9	75.1	75.3	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	72.2	74.2	75.1	75.8	76.3	76.5	76.8	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	73.8	75.8	76.8	77.5	78.2	78.5	78.9	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	74.6	76.9	77.9	78.8	79.6	80.0	80.6	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	75.6	77.9	78.9	79.9	80.8	81.5	82.1	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	77.1	79.4	80.4	81.9	83.1	84.2	85.3	86.1	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	77.9	80.4	81.4	83.1	84.3	85.4	86.5	87.4	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	78.3	81.3	82.5	84.6	86.3	87.4	88.6	89.6	89.9	90.8	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200	78.8	81.8	83.2	85.3	87.1	88.3	89.7	91.0	91.5	92.8	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	79.7	82.5	84.0	86.1	88.1	89.3	90.7	92.1	92.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	79.0	82.5	84.0	86.1	88.1	89.3	90.7	92.1	92.6	94.7	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	79.3	82.8	84.3	86.4	88.3	89.6	91.0	92.4	92.9	95.0	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	79.4	82.9	84.4	86.5	88.6	89.9	91.3	92.6	93.3	95.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	79.7	83.2	84.7	86.8	88.9	90.1	91.5	93.1	93.8	96.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	79.7	83.2	84.7	86.8	89.0	90.4	91.9	93.5	94.2	96.4	97.8	97.8	97.9	97.9	97.9	97.9
≥ 400	79.7	83.2	84.7	86.9	89.4	91.0	92.5	94.0	94.7	96.9	98.3	98.3	98.5	98.5	98.5	98.5
≥ 300	79.7	83.2	84.7	86.9	89.4	91.0	92.6	94.3	95.1	97.4	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	79.7	83.3	84.9	87.1	89.7	91.4	93.1	94.7	95.6	97.8	99.2	99.2	99.4	99.4	99.4	99.6
≥ 100	79.7	83.3	84.9	87.1	89.7	91.4	93.1	94.7	95.6	97.8	99.2	99.2	99.4	99.4	99.7	100.0
≥ 0	79.7	83.3	84.9	87.1	89.7	91.4	93.1	94.7	95.6	97.8	99.2	99.2	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.V.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	41.6	42.1	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8
≥ 20000	47.2	48.1	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9
≥ 18000	47.2	48.1	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9
≥ 16000	47.9	48.3	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2
≥ 14000	48.3	49.2	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0
≥ 12000	50.6	51.4	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.3
≥ 10000	53.0	53.9	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.8
≥ 9000	56.5	57.3	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.5
≥ 8000	61.0	62.0	62.5	62.7	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.4
≥ 7000	64.6	65.8	66.5	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.4
≥ 6000	66.1	67.4	68.0	68.2	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.9
≥ 5000	69.1	70.5	71.2	71.3	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.2
≥ 4500	71.2	72.7	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.4
≥ 4000	71.8	73.4	74.1	74.4	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.5
≥ 3500	73.0	74.8	75.6	76.0	76.6	76.6	76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.1
≥ 3000	73.3	75.3	76.4	77.0	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.1
≥ 2500	75.8	78.1	79.5	80.2	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.4
≥ 2000	78.0	80.3	81.7	82.9	84.3	84.3	84.8	85.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.4
≥ 1800	78.9	81.5	82.9	84.2	85.5	85.5	86.2	86.4	86.4	86.6	86.6	86.6	86.8	86.8	86.8	86.9
≥ 1500	80.4	83.3	84.7	86.5	87.9	87.9	88.7	88.8	89.0	89.5	89.5	89.5	89.7	89.7	89.7	89.8
≥ 1200	81.4	84.4	85.8	87.6	89.1	89.4	90.6	90.9	91.0	91.7	91.7	91.7	91.9	91.9	91.9	92.0
≥ 1000	82.2	85.3	86.6	88.4	89.9	90.2	91.5	92.0	92.1	93.5	94.1	94.1	94.2	94.2	94.2	94.4
≥ 900	82.5	85.5	86.9	88.7	90.2	90.5	91.7	92.3	92.4	93.8	94.5	94.5	94.6	94.6	94.6	94.8
≥ 800	82.5	85.5	86.9	88.7	90.2	90.5	91.7	92.3	92.6	94.1	94.9	94.9	95.0	95.0	95.0	95.2
≥ 700	82.8	85.8	87.2	89.0	90.5	90.8	92.1	92.7	93.0	94.6	95.9	95.9	96.0	96.0	96.0	96.1
≥ 600	83.1	86.1	87.5	89.3	90.8	91.0	92.4	93.0	93.3	94.9	96.1	96.1	96.3	96.3	96.3	96.4
≥ 500	83.6	86.6	88.2	89.9	91.5	91.7	93.1	93.7	94.1	95.9	97.1	97.2	97.5	97.5	97.5	97.8
≥ 400	83.6	87.1	88.4	90.2	91.9	92.1	93.5	94.1	94.5	96.3	97.5	97.7	98.1	98.1	98.1	98.3
≥ 300	83.6	87.1	88.4	90.2	91.9	92.1	93.7	94.2	94.6	96.4	97.7	97.8	98.2	98.2	98.3	98.6
≥ 200	83.6	87.1	88.4	90.2	91.9	92.1	93.7	94.2	94.8	96.6	97.8	97.9	98.3	98.3	98.6	99.2
≥ 100	83.6	87.1	88.4	90.2	92.0	92.3	93.9	94.5	95.0	96.8	98.2	98.3	98.9	98.9	99.4	100.0
≥ 0	83.6	87.1	88.4	90.2	92.0	92.3	93.9	94.5	95.0	96.8	98.2	98.3	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.4	44.1	44.9	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.7	45.7	45.7	45.7
≥ 20000	49.0	49.7	50.6	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.5	51.5	51.5	51.5
≥ 18000	49.0	49.7	50.6	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.5	51.5	51.5	51.5
≥ 16000	49.6	50.3	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	52.1	52.1	52.1	52.1
≥ 14000	50.4	51.1	51.9	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.8	52.8	52.9	52.9	52.9	52.9
≥ 12000	51.9	52.6	53.4	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.4	54.5	54.5	54.5
≥ 10000	54.1	54.8	55.6	55.6	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.6	56.7	56.7	56.7
≥ 9000	57.4	58.5	59.4	59.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.7	60.9	60.9	61.0
≥ 8000	60.9	61.6	62.4	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.8	63.9	63.9	64.0
≥ 7000	64.2	65.6	66.4	66.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.9	68.0	68.0	68.2
≥ 6000	64.9	66.3	67.1	67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.6	68.7	68.7	68.9
≥ 5000	66.4	67.9	68.7	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.4	70.4	70.5
≥ 4500	68.3	70.0	70.8	70.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.3	72.5	72.5	72.6
≥ 4000	71.2	73.0	74.0	74.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.2	76.3	76.3	76.4
≥ 3500	72.5	74.5	75.6	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.8	78.0	78.0	78.1
≥ 3000	74.2	76.4	77.5	78.5	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.2	80.3	80.3	80.4
≥ 2500	75.6	78.1	79.5	80.7	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.6	82.6	82.8
≥ 2000	77.5	80.2	81.8	83.3	85.0	85.1	85.5	85.5	85.5	85.5	85.7	85.7	85.8	86.1	86.0	86.1
≥ 1800	78.9	81.3	82.9	84.4	86.1	86.4	86.8	86.8	86.8	86.8	86.9	86.9	87.1	87.2	87.2	87.3
≥ 1500	80.0	83.5	85.3	86.9	88.6	89.0	89.7	89.9	89.9	89.9	90.1	90.1	90.2	90.4	90.4	90.5
≥ 1200	80.4	83.9	86.0	87.6	89.3	89.7	90.9	91.5	91.5	91.7	91.9	91.9	92.0	92.1	92.1	92.3
≥ 1000	80.9	84.3	86.5	88.2	89.8	90.2	91.6	92.6	92.6	93.7	93.8	93.6	93.9	94.1	94.1	94.2
≥ 900	81.0	84.4	86.6	88.3	89.9	90.4	91.7	92.7	92.7	93.8	93.9	93.9	94.1	94.2	94.2	94.4
≥ 800	81.1	84.6	86.8	88.4	90.2	90.6	92.1	93.1	93.1	94.5	94.6	94.6	94.8	94.9	94.9	95.0
≥ 700	81.1	84.7	86.9	88.6	90.4	90.8	92.3	93.3	93.3	94.8	95.0	95.0	95.2	95.3	95.3	95.5
≥ 600	81.3	85.3	87.5	89.1	91.0	91.5	93.0	93.9	93.9	95.5	95.7	95.7	95.9	96.0	96.0	96.1
≥ 500	81.4	85.4	87.6	89.3	91.3	91.7	93.3	94.4	94.4	95.9	96.1	96.1	96.4	96.6	96.6	96.7
≥ 400	81.6	86.1	88.3	90.2	92.3	92.7	94.2	95.3	95.3	96.8	97.1	97.1	97.4	97.5	97.5	97.7
≥ 300	81.8	86.1	88.4	90.4	92.4	92.8	94.4	95.5	95.5	97.0	97.4	97.4	97.8	98.2	98.2	98.3
≥ 200	82.0	86.2	88.6	90.5	92.6	93.1	94.6	95.7	95.7	97.2	97.7	97.8	98.1	98.5	98.5	98.8
≥ 100	82.0	86.2	88.6	90.5	92.7	93.3	95.0	96.1	96.1	97.7	98.2	98.3	98.6	99.0	99.0	99.4
≥ 0	82.0	86.2	88.6	90.5	92.7	93.3	95.0	96.1	96.1	97.7	98.2	98.3	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	41.2	42.2	42.6	42.7	42.9	43.0	43.1	43.1	43.2	43.2	43.3	43.3	43.4	43.5	43.6	43.7
≥ 20000	47.6	48.6	49.1	49.3	49.5	49.6	49.8	49.9	49.9	49.9	50.1	50.1	50.2	50.3	50.4	50.5
≥ 18000	47.8	48.8	49.3	49.5	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.3	50.4	50.5	50.6
≥ 16000	48.1	49.0	49.5	49.7	49.9	50.0	50.2	50.2	50.3	50.3	50.4	50.4	50.6	50.6	50.7	50.9
≥ 14000	49.3	50.3	50.8	51.0	51.2	51.3	51.5	51.5	51.6	51.6	51.7	51.7	51.9	51.9	52.0	52.2
≥ 12000	52.3	53.4	53.8	54.0	54.3	54.4	54.5	54.6	54.6	54.7	54.8	54.8	54.9	55.0	55.1	55.3
≥ 10000	55.3	56.5	56.9	57.2	57.4	57.5	57.7	57.7	57.8	57.8	57.9	57.9	58.1	58.2	58.2	58.4
≥ 9000	57.7	58.9	59.4	59.7	60.1	60.2	60.5	60.6	60.6	60.7	60.8	60.8	61.0	61.1	61.1	61.3
≥ 8000	60.7	62.0	62.6	63.0	63.4	63.6	63.9	64.0	64.0	64.1	64.3	64.3	64.4	64.5	64.6	64.7
≥ 7000	63.6	65.1	65.7	66.3	66.7	66.9	67.2	67.3	67.4	67.5	67.6	67.6	67.7	67.8	67.9	68.1
≥ 6000	64.7	66.2	66.9	67.4	67.8	68.0	68.4	68.5	68.6	68.7	68.8	68.8	68.9	69.0	69.1	69.3
≥ 5000	67.2	68.8	69.5	70.1	70.6	70.7	71.2	71.4	71.4	71.5	71.6	71.6	71.8	71.9	72.0	72.1
≥ 4500	68.6	70.4	71.2	71.8	72.3	72.5	73.0	73.2	73.2	73.3	73.4	73.4	73.6	73.7	73.8	73.9
≥ 4000	70.3	72.2	73.1	73.9	74.4	74.6	75.1	75.4	75.4	75.5	75.7	75.7	75.8	75.9	76.0	76.1
≥ 3500	71.5	73.5	74.4	75.2	75.8	76.0	76.6	76.8	76.8	77.0	77.1	77.1	77.3	77.3	77.4	77.6
≥ 3000	73.1	75.4	76.4	77.4	78.1	78.5	79.1	79.5	79.5	79.7	79.9	79.9	80.0	80.1	80.2	80.3
≥ 2500	74.6	77.1	78.2	79.3	80.2	80.6	81.2	81.6	81.7	81.9	82.0	82.0	82.2	82.3	82.4	82.5
≥ 2000	76.3	79.1	80.3	81.7	82.9	83.6	84.4	85.0	85.1	85.3	85.5	85.5	85.6	85.7	85.8	86.0
≥ 1800	77.1	80.1	81.3	82.6	83.9	84.6	85.6	86.2	86.3	86.6	86.7	86.7	86.9	87.0	87.1	87.2
≥ 1500	78.1	81.4	82.7	84.3	85.8	86.6	87.6	88.4	88.5	88.9	89.1	89.1	89.3	89.4	89.5	89.7
≥ 1200	78.8	82.1	83.6	85.3	87.0	87.9	89.1	90.2	90.4	91.0	91.2	91.2	91.4	91.5	91.6	91.7
≥ 1000	79.4	82.8	84.3	86.2	88.0	89.0	90.3	91.7	92.0	92.9	93.3	93.3	93.5	93.6	93.7	93.8
≥ 900	79.5	83.0	84.5	86.5	88.3	89.3	90.6	92.1	92.4	93.3	93.8	93.9	94.1	94.2	94.3	94.4
≥ 800	79.7	83.2	84.7	86.7	88.5	89.5	90.9	92.4	92.7	93.8	94.3	94.4	94.7	94.8	94.9	95.0
≥ 700	79.8	83.4	84.9	86.9	88.8	89.9	91.3	92.8	93.2	94.3	95.1	95.2	95.5	95.6	95.7	95.8
≥ 600	80.1	83.8	85.3	87.4	89.3	90.4	91.8	93.4	93.7	94.9	95.6	95.7	96.1	96.2	96.3	96.4
≥ 500	80.3	84.1	85.6	87.7	89.7	90.8	92.3	93.9	94.3	95.4	96.2	96.4	96.8	96.9	97.0	97.2
≥ 400	80.4	84.2	85.9	88.0	90.2	91.2	92.7	94.3	94.7	95.9	96.7	96.9	97.3	97.4	97.6	97.7
≥ 300	80.5	84.3	86.0	88.1	90.4	91.5	93.0	94.7	95.2	96.4	97.2	97.4	97.9	98.0	98.2	98.4
≥ 200	80.5	84.4	86.1	88.3	90.5	91.7	93.3	95.0	95.5	96.8	97.8	98.0	98.5	98.7	98.9	99.2
≥ 100	80.5	84.4	86.1	88.3	90.6	91.8	93.4	95.2	95.7	97.0	98.1	98.4	98.9	99.1	99.4	99.8
≥ 0	80.5	84.4	86.1	88.3	90.6	91.8	93.4	95.2	95.7	97.1	98.2	98.4	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 576

2
GLOBAL CLIMATOLOGY BRANCH
AFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2142

EDMONTON IAP CN

73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.5	52.2	52.4	52.6	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1
≥20000	58.0	58.9	59.1	59.3	59.5	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	60.0
≥18000	58.1	59.0	59.2	59.4	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.1
≥16000	58.4	59.3	59.5	59.7	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3
≥14000	59.6	60.4	60.7	60.9	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.5
≥12000	62.1	63.0	63.3	63.5	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2
≥10000	65.5	66.5	66.7	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.8
≥9000	67.7	68.7	69.7	69.3	69.6	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.2
≥8000	70.2	71.3	71.6	72.0	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.9	73.0
≥7000	72.5	73.8	74.1	74.4	74.8	74.9	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.4	75.4	75.5
≥6000	73.6	74.9	75.2	75.5	75.9	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.6
≥5000	75.3	77.3	77.6	78.0	78.4	78.5	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.2
≥4500	77.1	78.6	78.9	79.3	79.7	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.5	80.6
≥4000	78.7	80.2	80.7	81.1	81.5	81.7	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.4
≥3500	79.9	81.5	82.0	82.4	82.9	83.1	83.3	83.4	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.8
≥3000	81.4	83.2	83.7	84.3	84.8	85.0	85.3	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.8	85.9
≥2500	82.8	84.8	85.3	86.0	86.6	86.8	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.8
≥2000	84.4	86.6	87.2	88.0	88.8	89.1	89.5	89.7	89.8	89.9	90.0	90.0	90.1	90.1	90.2	90.2
≥1800	84.9	87.2	87.8	88.6	89.4	89.7	90.2	90.5	90.5	90.7	90.7	90.8	90.8	90.9	90.9	91.0
≥1500	85.8	88.2	89.0	89.8	90.8	91.1	91.6	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.6	92.6
≥1200	86.7	89.3	90.1	91.0	92.0	92.4	93.0	93.4	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.1
≥1000	87.3	90.0	90.9	91.9	93.0	93.4	94.0	94.5	94.7	95.0	95.1	95.2	95.2	95.3	95.3	95.4
≥900	87.8	90.4	91.3	92.3	93.4	93.9	94.4	95.0	95.1	95.5	95.6	95.7	95.7	95.8	95.8	95.9
≥800	87.8	90.7	91.6	92.7	93.9	94.3	94.9	95.5	95.6	96.0	96.2	96.2	96.3	96.3	96.4	96.4
≥700	88.1	91.1	92.1	93.2	94.4	94.9	95.5	96.1	96.2	96.6	96.8	96.9	97.0	97.0	97.1	97.1
≥600	88.4	91.5	92.5	93.7	95.0	95.4	96.1	96.7	96.8	97.3	97.5	97.5	97.6	97.6	97.7	97.8
≥500	88.5	91.8	92.8	94.0	95.4	95.9	96.5	97.2	97.4	97.8	98.0	98.1	98.2	98.2	98.3	98.4
≥400	88.6	92.0	93.0	94.3	95.7	96.2	96.9	97.6	97.8	98.2	98.5	98.5	98.6	98.7	98.7	98.8
≥300	88.6	92.1	93.2	94.5	95.9	96.5	97.2	97.9	98.1	98.6	98.8	98.9	99.0	99.1	99.2	99.3
≥200	88.7	92.1	93.2	94.5	96.0	96.6	97.4	98.1	98.3	98.8	99.1	99.2	99.3	99.4	99.5	99.7
≥100	88.7	92.1	93.2	94.6	96.1	96.6	97.4	98.2	98.4	98.9	99.3	99.3	99.5	99.6	99.7	99.9
≥0	88.7	92.1	93.2	94.6	96.1	96.6	97.4	98.2	98.4	98.9	99.3	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6785

PART D

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

- 1/10 and 4/10 into the 3/10 (scattered) category
- 5/10, 6/10 and 8/10 into the 9/10 (broken) category
- 0/10 is the clear category
- 10/10 is the overcast category

LOCAL CLIMATOLOGY BRANCH
METAC
AT WEATHER SERVICE/MAC

SKY COVER

0242 EDMONTON IAP CN

74-81

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2

SKY COVER

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SKY COVER

142 EDMONTON IAP CN

74-81

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
01-02	10-02	14.5			28.2						24.0	33.3	6.3	717
	03-05	12.8			25.3						26.8	35.2	6.7	728
	06-08	3.5			25.3						38.0	33.2	7.5	716
	09-11	3.0			22.2						43.9	30.9	7.7	725
	12-14	3.4			29.9						42.2	24.6	7.2	716
	15-17	2.9			30.1						41.0	26.0	7.2	727
	18-20	2.4			35.3						36.7	25.6	6.9	714
	21-23	13.1			30.8						24.2	31.9	6.3	720
TOTALS		7.0			26.4						34.6	30.1	7.0	5763

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF - WEATHER SERVICE/MAC

SKY COVER

142 EDMONTON IAP CN

74-81

ADR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GLOBAL CLIMATOLOGY BRANCH
COMETAC
AIR WEATHER SERVICE/MAC

SKY COVER

05142 EDMONTON IAP CN

74-81

44 Y

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

SKY COVER

21142 EDMONTON IAP CN

73-80

JUN

STATION

STATION NAME

PERIOD

MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

JUL

73-80

STATION

STATION NAME

PERIOD

CONTINUED

2

SKY COVER

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
400	00-02	12.4			35.3						30.4	21.9	6.0	720
	03-05	6.3			39.7						31.7	22.3	6.3	728
	06-08	1.3			38.9						39.0	20.8	6.8	710
	09-11	1.8			33.7						41.7	22.8	7.0	724
	12-14	1.2			28.5						51.8	18.5	7.4	724
	15-17	1.1			32.8						53.1	13.0	7.1	729
	18-20	1.7			35.9						49.3	13.2	6.8	714
	21-23	5.5			39.4						37.2	17.9	6.3	731
TOTALS		3.9			35.5						41.8	18.8	6.7	5780

SKY COVER

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	17.3			34.9						19.4	28.4	5.6	700
	03-05	14.0			35.8						22.6	27.6	5.9	707
	06-08	3.2			34.6						38.0	24.2	6.9	679
	09-11	4.4			27.0						43.8	24.8	7.2	703
	12-14	3.2			31.4						43.8	21.6	7.0	691
	15-17	3.6			30.8						47.4	18.2	7.0	702
	18-20	2.6			32.4						44.8	20.3	7.0	701
	21-23	10.7			36.0						25.8	27.4	6.1	708
TOTALS		7.4			32.9						35.7	24.1	6.6	5591

SKY COVER

73-83

NOV

STATION

STATION NAME

PERIOD

MONTH

FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	13.2			26.2						24.1	36.6	6.6	714
	03-05	13.5			23.0						26.0	37.5	6.3	718
	06-08	6.4			24.3						29.5	39.8	7.4	719
	09-11	1.9			19.3						40.6	38.2	8.0	720
	12-14	.7			26.0						35.7	34.6	7.7	716
	15-17	1.5			26.1						40.5	31.9	7.6	731
	18-20	8.8			23.7						29.1	38.4	7.2	726
	21-23	13.6			22.2						24.6	39.6	6.8	729
TOTALS		7.5			23.9						31.6	37.1	7.3	5773

1
2
1
3
4
5
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SKY COVER

2-142 EDMONTON IAP CN

77-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	10.4			26.1						28.7	34.8	6.9	5791
FEB		8.2			28.5						31.8	31.5	6.8	5267
MAR		7.0			28.4						34.6	30.1	7.0	5763
APR		6.7			33.5						34.7	25.2	6.6	5550
MAY		4.6			29.5						39.8	26.2	7.1	5751
JUN		1.2			36.8						43.0	19.1	6.9	5567
JUL		3.0			40.9						42.8	13.2	6.4	5775
AUG		3.9			35.5						41.8	18.8	6.7	5780
SEP		7.4			32.9						35.7	24.1	6.6	5591
OCT		7.7			32.1						37.4	22.8	6.6	5780
NOV		11.0			29.4						30.6	29.0	6.5	5605
DEC		7.5			23.9						31.6	37.1	7.3	5773
TOTALS		6.6			31.5						36.0	26.0	6.8	67993

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

DATA NOT AVAILABLE

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

DATA NOT AVAILABLE

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PSYCHROMETRIC SUMMARY

74-01

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

25142	EDMONTON IAR CN
STATION	STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 2

0000-0200

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
24/-28	1.0																	7	7	7	10														
26/-27	.8																	6	6	6	16														
28/-29	.1																	1	1	1	16														
30/-31	.4																	3	3	3	11														
32/-33																					6														
34/-35																					9														
36/-37																			2		4														
38/-39																			5		5														
42/-43																			1																
TOTAL	45.9	39.2	13.6	1.3															712	712	712														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Dry Bulb	237297	8739	6.514	0.86	720	34.0	89.1					93
Wet Bulb	191470	4346	6.188	0.64	712	34.6	91.6					93
Dew Point	100770	2444	3.432	0.58	712	67.8	92.9					93

PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25142 EDMONTON IAP CN
STATION STATION NAME

74-81

JAN
MONTH

PAGE 2 **0300-0500**
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN 74-01 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0400-0400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																		TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31																			
46/ 45				.1														1	1																	
44/ 43			.1															1	1																	
42/ 41				.1														1	1																	
40/ 39		.1			.1													2	2																	
38/ 37		.1	.6		.1													6	6																	
36/ 35		.1	1.1	.3														11	11																	
34/ 33		.6	.4	.6														11	11																	
32/ 31	.3	1.0	2.0	.7														20	20																	
30/ 29		.8	.1	.1														8	8																	
28/ 27	.1	1.7	1.7	.1														26	26																	
26/ 25	.3	2.3	1.3															27	27																	
24/ 23		2.1	.9															18	18																	
22/ 21		2.1	.7															20	20																	
20/ 19	.1	1.0	.3															16	16																	
18/ 17	.3	2.3	.1															19	19																	
16/ 15	.6	3.0	.3															33	33																	
14/ 13	2.7	4.5	.4															54	54																	
12/ 11	1.1	2.0	.1															23	23																	
10/ 9	1.6	2.1																25	26																	
8/ 7	.7	2.7																24	24																	
6/ 5	1.6	2.4																28	28																	
4/ 3	1.4	2.3																26	26																	
2/ 1	.7	1.7																17	17																	
0/ -1	3.2	.3																25	25																	
-2/ -3	3.2	1.4																34	34																	
-4/ -5	3.6	.4																43	43																	
-6/ -7	2.1	.1																16	16																	
-8/ -9	4.8																	34	34																	
-10/-11	1.1																	8	8																	
-12/-13	2.7																	19	19																	
-14/-15	3.2																	23	23																	
-16/-17	2.0																	14	14																	
-18/-19	2.0																	17	17																	
-20/-21	1.7																	12	12																	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

JAN

YEARS

MONTH

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

74-41

YEARS

JAN
MONTH

PAGE 1 **0900-1100**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

0900-2100
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

25142 CONNONTON IAP CN 79-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
46/ 48				.1														1														1					
44/ 43			.1		.4													4														4					
42/ 41			.3	.3														4														4					
40/ 39			.8	.3														8														8		2			
38/ 37		.1	1.0	.4														11														11		2			
36/ 35		.7	1.4	.8														21														21		16			
34/ 33		.4	1.7	.8														21														21		18	.4		
32/ 31		.7	3.0	.7														32														32		19	11		
30/ 29	.1	1.4	1.7	.3														25														25		32	9		
28/ 27	.1	2.1	2.8															34														34		31	19		
26/ 25	.1	1.8	2.2															38														38		29	18		
24/ 23	.1	1.4	1.2															20														20		32	31		
22/ 21		2.8	.6															22														22		33	30		
20/ 19	.1	3.0	1.2															32														32		29	16		
18/ 17	.1	3.3	.4															28														28		29	20		
16/ 15	1.2	1.4	1.0															26														26		38	32		
14/ 13	1.7	3.2	.7															40														40		26	67		
12/ 11	.1	2.6	.7															25														25		27	38		
10/ 9	1.8	3.2	.1															37														37		38	17		
8/ 7	.2	1.7																14														14		24	16		
6/ 5	.1	3.2																24														24		16	31		
4/ 3	.4	2.5																21														21		31	29		
2/ 1	.1	1.4																11														11		19	23		
0/ -1	2.4	.7																22														22		20	23		
-2/ -3	2.8	1.2																29														29		31	18		
-4/ -5	4.2	1.7																43														43		42	38		
-6/ -7	2.8	1.0																27														27		27	20		
-8/ -9	2.6																	19														19		23	26		
-10/-11	2.1																	15														15		15	21		
-12/-13	1.5																	11														11		11	23		
-14/-15	1.1																	8														8		8	23		
-16/-17	1.9																	14														14		14	24		
-18/-19	2.9																	21														21		21	19		
-20/-21	1.9																	14														14		14	10		
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 **1500-1700**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS S. T. I

[illegible]

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

74-81

YEARS

JAN
MONTH

PAGE 2

1800-2000
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

YEARS

JAN

MONTH

PAGE 2 **2100-2300**
HOURS (L. S. T.)

[illegible]

25142 EDMONTON IAP CN
STATION STATION NAME

YEARS

JAN
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

70-81

JAN

MONTH

ALL

PAGE 2

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-22/-23	1.2																	71	71	71	174				
-24/-25	.7																	38	38	38	108				
-26/-27	.9																	50	50	50	164				
-28/-29	.4																	21	21	21	104				
-30/-31	.4																	24	24	24	73				
-32/-33	.2																	9	9	9	57				
-34/-35	.1																	8	9	8	47				
-36/-37																			9		38				
-38/-39																			8		28				
-40/-41																					22				
-42/-43																			2		8				
-44/-45																			4		4				
-46/-47																			3						
-48/-49																			2						
TOTAL	42.2	1.5	13.5	2.4	.3														5764	5798	5764				

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2886413	482411	70.8	70.8	5764	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	740
Dry Bulb	2082010	66120	7.0	7.0	5764	269.7	700.0					740
Wet Bulb	1711400	30000	6.0	6.0	5764	274.0	722.0					740
Dew Point	1732022	-300	-0.1	-0.1	5764	259.1	701.0					740

PSYCHROMETRIC SUMMARY

FED

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FED

MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

78-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point																													
42/ 41			.2	.3															3	3																															
40/ 39				.3															2	2																															
38/ 37			.6	.5															7	7	1																														
36/ 35		.2	.6	.3															7	7	4																														
34/ 33	.3		.3	.3															6	6	8	3																													
32/ 31		.2	2.6	.6															22	22	8	1																													
30/ 29		.9	1.8																16	16	8	1																													
28/ 27	.2	4.0	.9	.2															34	34	34	12																													
26/ 25	.2	2.8	.3	.2															22	22	32	8																													
24/ 23	.5	2.6	.8																25	25	23	18																													
22/ 21	.9	2.8	.6																28	28	35	32																													
20/ 19	.9	4.1	.3																35	35	29	44																													
18/ 17	.3	2.8																	19	19	30	19																													
16/ 15	.9	2.0	.2																20	20	23	23																													
14/ 13	.9	3.5																	29	29	20	28																													
12/ 11	.8	3.2	.2																27	27	25	28																													
10/ 9	1.7	3.4																	33	33	37	39																													
8/ 7	1.5	.8																	15	15	27	19																													
6/ 5	1.2	1.7																	20	20	12	29																													
4/ 3	1.2	1.2																	29	29	33	29																													
2/ 1	.8	2.8																	16	16	16	22																													
0/ -1	2.6	.8																	22	22	23	8																													
-2/ -3	2.3	2.5																	31	31	35	16																													
-4/ -5	5.2	1.2																	55	55	47	23																													
-6/ -7	3.2	.2																	22	22	30	21																													
-8/ -9	3.4	.2																	23	23	24	23																													
-10/-11	1.2																		8	8	8	29																													
-12/-13	2.9																		19	19	19	23																													
-14/-15	1.1																		7	7	7	30																													
-16/-17	.8																		5	5	5	18																													
-18/-19	1.2																		8	8	8	15																													
-20/-21	.8																		5	5	5	13																													
-22/-23	1.8																		10	10	10	21																													
-24/-25	1.4																		9	9	9	9																													
Element (X)	Σ X ²		Σ X		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																													
Rel. Hum.																																																			
Dry Bulb																																																			
Wet Bulb																																																			
Dew Point																																																			
Mean No. of Hours with Temperature																																																			
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total																																					

1

7

YEARS

MONTH

0900-1100
HOURS (L.S.T.)

USAFETAC FORM 11 (JUN 71) **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**

PSYCHROMETRIC SUMMAR

25142 EDMONTON IAP CN
STATION STATION NAME

70-81

YEARS

FEB

MONTH

PAGE 2 **0900-1100**
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

FEB

PAGE 1 1200-1
HOURS 16

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.-W.B.	Dry Bulb	Wet Bulb De												
46/ 45				.3														2	2													
44/ 43			.2	.8	1.1													13	13													
42/ 41			.8	2.0														18	18													
40/ 39			1.7	2.4														27	27	3												
38/ 37		.2	2.9	1.4														29	29	11												
36/ 35		.3	3.3	.6														28	28	37												
34/ 33		.3	2.4	.3	.2													21	21	45												
32/ 31		.6	4.4	.8														38	38	30												
30/ 29		.8	2.6	.3														24	24	23												
28/ 27		3.1	3.3	.3														46	46	42												
26/ 25		.9	2.6															23	23	33												
24/ 23		.8	2.1															19	19	30												
22/ 21	.8	2.1	1.8															29	29	35												
20/ 19	.3	1.7	.3															15	15	34												
18/ 17	.2	2.7	.3															21	21	16												
16/ 15		1.7	.2															12	12	22												
14/ 13	.6	6.4	.3															48	48	27												
12/ 11	.3	3.0																22	22	30												
10/ 9		3.5																23	23	22												
8/ 7		2.3																15	15	18												
6/ 5		1.5																10	10	18												
4/ 3		1.8																12	12	18												
2/ 1		2.6																17	17	13												
0/ -1	2.6	.6																21	21	23												
-2/ -3	.6	3.6																28	28	29												
-4/ -5	1.1	3.0																27	27	16												
-6/ -7	1.1	1.2																15	15	21												
-8/ -9	1.2																	8	8	15												
-10/-11	2.1																	14	14	14												
-12/-13	1.5																	10	10	10												
-14/-15	1.1																	7	7	7												
-16/-17	.9																	6	6	6												
-18/-19	.9																	6	6	6												
-20/-21	.8																	5	5	5												
Element (X)	Σx^2			Σx			\bar{x}	s_x	No. Obs.												Mean No. of Hours with Temperature											
Rel. Hum.																					± 0 F ± 32 F ± 67 F ± 73 F ± 80 F ± 93 F T.											
Dry Bulb																																
Wet Bulb																																
Dew Point																																

AD-A113 175 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON IAP, ALBERTA, CANADA. REVISED UNIFORM SUMMARY OF SURFA--ETC(11)
DEC 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON IAP, ALBERTA, CANADA. REVISED UNIFORM SUMMARY OF SURFA--ETC (11)
DEC 81

UNCLASSIFIED

USAFETAC/D5-82/005

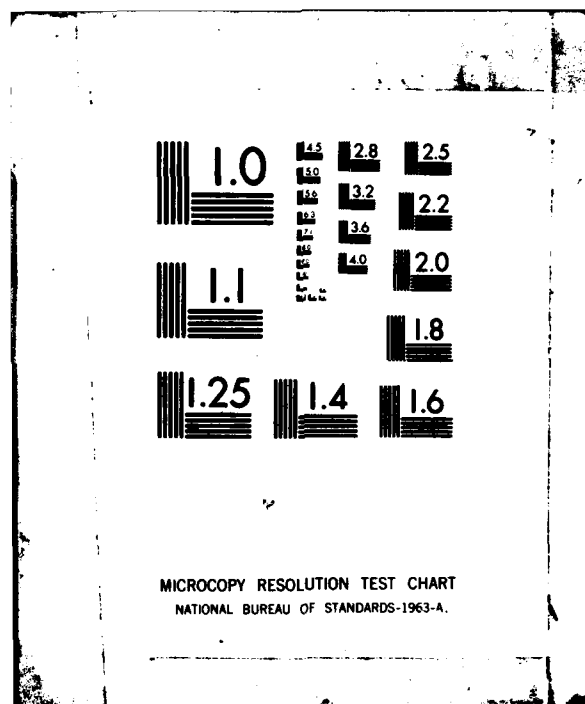
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[illegible]



PSYCHROMETRIC SUMMAR

<u>25142</u>	<u>EDMONTON IAP CN</u>
STATION	STATION NAME

74-81

YEARS

FEB
MONTH

PAGE 2 **1200-1400**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po.																
-22/-23	.2																	1	1	1	1																
-24/-25																																					
-26/-27																																					
-28/-29																																					
-30/-31																																					
-36/-37																																					
TOTAL	16.1	4.0	2.0	9.1	1.2													660	660	660	660																

PSYCHROMETRIC SUMMARY

74-81

FED

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAF CN**

74-81

FEB

STATION

STATION NAME

YEARS

MON T H

PAGE 2

1500-1700

NOV 8 1964

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
18/-19	.6																	4	4	4	17				
20/-21	.6																	4	4	4	6				
22/-23																					20				
24/-25																					4				
26/-27																					10				
28/-29																					4				
30/-31																					1				
32/-33																					1				
34/-35																					1				
36/-37																					3				
TOTAL	14.3	6.1	27.2	1.5	1.6	.3													669		669				
																		669		669	669				

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	27841.84	634.00	61.50	1.50	669	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Dry Bulb	6400.00	121.00	18.21	1.50	669	16.7	44.3					84
Wet Bulb	21100.00	414.00	61.90	1.50	669	16.7	44.3					84
Dew Point	21100.00	414.00	61.90	1.50	669	16.7	44.3					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

79-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1000-2000

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point								
46/ 43					.2	.2													2	2								
44/ 43					.2														1	1								
42/ 41				.5	.2														4	4								
40/ 39			.3	1.1															9	9								
38/ 37			2.3	.8															20	20	1							
36/ 35		.2	2.3	1.1															23	23	11							
34/ 33		1.4	2.8	.2															28	28	26							
32/ 31		1.1	2.9	.3															28	28	41	1						
30/ 29	.3	1.2	1.7																20	20	23	23						
28/ 27	.3	2.2	2.8	.3															41	41	30	37						
26/ 25	.2	2.8	.3																21	21	31	26						
24/ 23	.2	2.9	1.5	.2															28	28	34	25						
22/ 21	.8	3.1	1.4																32	32	26	34						
20/ 19	.5	2.9	1.4																31	31	41	30						
18/ 17	.6	2.3	.2																20	20	32	28						
16/ 15	.9	2.5																	22	22	24	30						
14/ 13	.3	2.6																	38	38	26	34						
12/ 11	.8	2.3																	18	18	26	24						
10/ 9	1.2	3.1																	28	28	24	42						
8/ 7	.6	3.4																	26	26	23	33						
6/ 5	.2	1.8																	11	11	23	16						
4/ 3	.2	1.9																	10	10	16	20						
2/ 1		2.6																	17	17	16	15						
0/ -1	2.8	.8																	21	21	21	16						
-2/ -3	.3	2.8																	19	19	21	9						
-4/ -5	2.5	2.5																	32	32	22	19						
-6/ -7	.9	1.4																	15	15	18	13						
-8/ -9	2.8	.2																	19	19	28	15						
-10/-11	2.8																		13	13	13	20						
-12/-13	2.8																		18	18	18	18						
-14/-15	.9																		6	6	6	9						
-16/-17	1.2																		9	9	9	21						
-18/-19	1.1																		7	7	7	15						
-20/-21	.8																		3	3	3	12						
Element (X)	Σ X ²			Σ X			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total						
Rel. Hum.												≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb																												
Wet Bulb																												
Dew Point																												

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42. 12121

74-81

YEARS

FEB
MONTH

1000-2000
HOURS 11 5 7 11

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

74-81

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45					.2													1	1																
44/ 43				.2														1	1																
40/ 39				.3	.3													4	4																
38/ 37			1.8	.8														15	15	2															
36/ 35			2.1	1.2														22	22	3															
34/ 33		.6	1.2	.3														14	14	18															
32/ 31		1.5	3.6	.2														35	35	26	2														
30/ 29		.9	2.3															21	21	26	10														
28/ 27	.2	2.3	2.7															34	34	29	27														
26/ 25	.3	4.7																33	33	37	17														
24/ 23	.2	3.6	.6															29	29	48	27														
22/ 21	.2	3.8	.8															29	29	27	33														
20/ 19	.3	2.6	1.4															28	28	34	38														
18/ 17	.3	3.6	.2															28	28	32	29														
16/ 15	.6	1.4																13	13	26	34														
14/ 13	.3	9.4	.2															33	33	23	26														
12/ 11	.8	2.9																24	24	28	19														
10/ 9	1.4	2.9																28	28	30	31														
8/ 7	1.1	3.8																27	27	24	32														
6/ 5	.3	1.8																14	14	22	24														
4/ 3	.6	2.8																17	17	20	28														
2/ 1	.3	1.7																14	14	17	21														
0/ -1	3.9																	26	26	29	22														
-2/ -3	.8	1.8																15	15	15	13														
-4/ -5	3.8	2.8																38	38	30	15														
-6/ -7	.9	2.7																24	24	16	14														
-8/ -9	2.3																	15	15	31	23														
-10/-11	1.5																	10	10	10	15														
-12/-13	2.7																	18	18	18	26														
-14/-15	2.1																	14	14	14	12														
-16/-17	.4																	5	5	5	13														
-18/-19	.8																	5	5	5	23														
-20/-21	1.8																	12	12	12	10														
-22/-23	.6																	4	4	4	22														
Element (X)	Σ X ²			Σ X			I	C _x	No. Obs.			Mean No. of Hours with Temperature																							
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

FEB

MOUSE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49					.0													2	2		
48/ 47					.0	.0												2	2		
46/ 45				.1	.1	.0												12	12		
44/ 43			.0	.3	.2	.0												20	20		
42/ 41			.2	.8	.1													50	50	2	
40/ 39			.6	.9	.1													83	83	7	
38/ 37		.0	1.0	.8	.0													126	126	36	
36/ 35		.3	1.7	.7														199	199	112	
34/ 33	.0	.8	1.7	.8	.0													147	147	172	7
32/ 31		.7	2.1	.6														239	239	190	49
30/ 29	.0	1.1	2.0	.1														170	170	163	114
28/ 27	.1	2.1	2.3	.2														306	306	262	217
26/ 25	.2	2.7	.9	.0														202	202	265	180
24/ 23	.8	2.0	1.1	.0														204	204	257	201
22/ 21	.8	2.0	.9	.0														224	224	269	202
20/ 19	.7	2.0	.6															203	203	256	277
18/ 17	.0	2.1	.2															193	193	212	222
16/ 15	.0	2.2	.1															150	150	219	210
14/ 13	.7	2.4	.2															277	277	182	276
12/ 11	.0	2.7	.0															172	173	203	223
10/ 9	1.1	3.0	.0															222	222	220	200
8/ 7	.9	2.3																173	173	193	213
6/ 5	.8	1.9																123	123	149	176
4/ 3	.0	2.8																152	152	194	179
2/ 1	.3	2.0																143	143	141	162
0/ -1	2.1	.4																100	100	205	127
-2/ -3	1.2	2.3																105	105	187	124
-4/ -5	2.2	2.8																300	300	235	105
-6/ -7	1.0	1.3																155	155	171	110
-8/ -9	2.8	.1																136	136	190	155
-10/-11	1.0																	96	96	96	100
-12/-13	2.2																	110	110	110	102
-14/-15	1.2																	62	62	62	139
-16/-17	1.0																	53	53	53	140
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature												Total
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

25142
STATION

EDMONTON IAP CN

70-81

YEARS

FEB
MONTH

PAGE 2

ALL

HOURS (L. S. - T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MON T

PAGE 1 **0000-0200**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
44/ 43		.1			.3													3	3															
42/ 41		.1	.1	.4														5	5	1														
40/ 39			.4	.8														10	10	1														
38/ 37		.1	2.1	.8														19	19	2	1													
36/ 35		1.3	2.2	.3														27	27	16	1													
34/ 33		1.5	2.5	.3														31	31	30	4													
32/ 31	.1	6.1	6.5	.7														97	97	46	15													
30/ 29		4.6	1.4															43	43	66	26													
28/ 27	.7	4.4	2.2															53	53	74	64													
26/ 25	.3	3.9	.6															34	34	43	54													
24/ 23	.3	5.8	.3															46	46	42	50													
22/ 21	.7	2.9	.1															26	26	54	36													
20/ 19	.4	3.9																31	31	31	57													
18/ 17		2.9	.4															24	24	25	42													
16/ 15	1.4	3.3																34	34	43	38													
14/ 13	1.1	6.4	.1															55	55	32	58													
12/ 11	.1	2.6	.1															21	21	38	27													
10/ 9	.6	2.8																24	24	23	32													
8/ 7	.4	1.9																17	17	24	25													
6/ 5	.1	1.1																9	9	14	27													
4/ 3	.1	2.1																16	16	14	23													
2/ 1	.3	2.2																16	16	20	14													
0/ -1	1.5	.1																12	12	15	17													
-2/ -3	.4	.6																7	7	7	10													
-4/ -5	1.1	.4																11	11	11	11													
-6/ -7	.1	.1																2	2	2	20													
-8/ -9	1.5	.1																12	12	13	14													
-10/-11	.6																	4	4	4	6													
-12/-13	1.5																	11	11	11	2													
-14/-15	.8																	6	6	6	6													
-16/-17	.7																	5	5	5	5													
-18/-19	.1																	1	1	1	8													
-20/-21	.6																	4	4	4	5													
-22/-																																		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

72-81

YEARS

MAR
MONTH

PAGE 2

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

74-81

MAR
MONTH

PAGE 1

0300-0500
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po														
44/ 43					.3													2	2																
42/ 41				.1	.1													2	2																
40/ 39				.4	.1													4	4																
38/ 37		.1	.7	.8														12	12																
36/ 35		.7	2.0	1.0														27	27	6															
34/ 33		1.1	1.9															22	22	24															
32/ 31	.8	4.8	4.4	.1														72	72	48	10														
30/ 29	.7	4.4	2.5															55	55	53	10														
28/ 27	1.8	5.9	1.9															69	69	72	50														
26/ 25	.4	4.4	.3															37	37	52	50														
24/ 23	.4	4.1	.7															38	38	48	40														
22/ 21		5.5	.1															41	41	44	40														
20/ 19	.8	4.1	.8															38	38	46	50														
18/ 17	.4	2.7	.3															25	25	39	40														
16/ 15	.3	1.8																15	15	21	40														
14/ 13	1.8	6.0																54	54	35	40														
12/ 11	.7	3.1																28	28	36	30														
10/ 9	1.9	2.7																34	34	35	30														
8/ 7	.4	2.7																23	23	22	30														
6/ 5	.7	1.8																18	18	27	30														
4/ 3	.8	1.9																18	18	20	10														
2/ 1	.3	2.2																18	18	21	20														
0/ -1	1.2	.3																11	11	12	20														
-2/ -3	.4	.7																8	8	10	10														
-4/ -5	.7	.7																10	10	9	20														
-6/ -7	1.0																	7	7	8	10														
-8/ -9	.3																	2	2	2	10														
-10/-11	.4																	3	3	3															
-12/-13	1.4																	10	10	10															
-14/-15	.7																	5	5	5	10														
-16/-17	.7																	5	5	5															
-18/-19	.8																	6	6	6															
-20/-21	.8																	6	6	6															
-22/-23	.4																	3	3	3															
Element (X)	Σ X'			Σ X			X̄			σ _X			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 **0300-0500**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 **MAR**
MONTH
0600-0800
HOURS (L. S. T.)

[illegible]

25142 **EDMONTON IAP CN**

MA R
MON T

25142 **EDMONTON IAP CN**

74-81

YEARS

PAGE 1

0900-1100
HOURS (M-F-T)

[illegible]

GLOBAL CLIMATE DATA SYSTEM
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point										
-16/-17	.3																	2	2	2	5										
-18/-19	.3																	2	2	2	6										
-20/-21																					3										
-22/-23																					3										
-24/-25	.1																	1	1	1	8										
-26/-27																					8										
-30/-31																					1										
TOTAL	12.7	7.3	2.2	0.8	1.5	.3													723		723										
																		723		723	723										

Element (X)	Z ₁	Z ₂	X	Y	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2454793	2454793	74-81-743	723		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	622793	12227	24-81-723	723		8.8	64.2					93
Wet Bulb	622793	12227	24-81-723	723		8.8	77.6					93
Dew Point	2454793	12227	24-81-723	723		14.3	61.8					93

USAFETAC

PSYCHROMETRIC SUMMARY

74-81

NAME

STATION

STATION NAME

YEARS

MONTM

PAGE 2

1200-1400

MO UMS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**
STATION STATION NAME

75-41

YEARS

NAME
MONITOR

PAGE 1 **1500-1700**
HOURS (L. S. - T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142

EDMONTON IAP CN

74-81

MAR

PAGE 2

1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MON T M

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
11 JUN 71

PSYCHROMETRIC SUMMARY

25142

EDMONTON IAF CN

74-81

MAR

PAGE 2

1000-2000

HOURS ☐ **S. Y.**

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

WARR
MONTH

PAGE 1 **2100-2300**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

442

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L - S - T -)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

74-81

MAR

MONTH

ALL

HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-8/-9	.7	.0																	43	43	51	89													
-10/-11	.8																		25	25	25	40													
-12/-13	.7																		30	30	30	33													
-14/-15	.6																		34	34	34	53													
-16/-17	.4																		25	25	25	37													
-18/-19	.3																		19	19	19	37													
-20/-21	.2																		14	14	14	35													
-22/-23	.1																		4	4		44													
-24/-25	.1																		7	7	7	29													
-26/-27	.1																		5	5	5	25													
-28/-29	.0																		1	1	1	19													
-30/-31																						12													
-32/-33																						9													
-34/-35																						4													
-36/-37																						4													
TOTAL	11.4	50.3	25.7	7.8	3.2	1.2	.2	.1												5773		5768													
																			5768		5768														

5768

5768

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	20953963	989235	68.211	20.003	5768	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6172263	121727	28.015	12.008	5773	88.0	587.4					744
Wet Bulb	8252042	117482	28.012	12.004	5768	84.4	531.1					744
Dew Point	2299246	61249	19.113	6.007	5768	121.0	731.1					744

PSYCHROMETRIC SUMMARY

APR

STATION	STATION NAME
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YEARS

MONTH

0000-0200

HOURS: 8-5 (T)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

74-81

YEARS

APR
MONTH

PAGE 2 0000-0200
HOURS (6, 5, 7-)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-12/-13	.4																		3	3	3																
-14/-15																						2															
-16/-17																						1															
-22/-23																						1															
-24/-25																						2															
TOTAL	7.4	30.0	32.6	13.1	6.2	1.6	.7	.3	.1											693		693															
																			693		693																
						</																															

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

74-81

YEARS

APR
MONTH

PAGE 2

0300-0600
HOURS (a. s. t.)

[illegible]

PSYCHROMETRIC SUMMARY

74-81

APR

MONTH

PAGE 1

0600-0400

MOUSE (S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S. W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/ 65										.1								1	1																
64/ 63								.1										1	1																
60/ 59							.1	.3										3	3																
58/ 57						.3	.1											3	3																
56/ 55							.3											2	2																
54/ 53			.1		.3	.1	.3											6	6																
52/ 51				.1	.4	.1												5	5	1															
50/ 49		.3	.6	.7	1.5	.6	.1											26	26	2	1														
48/ 47		.1	.4	.9	1.0	.3												19	19	7															
46/ 45		.4	.4	1.2	1.0	.1												22	22	14	3														
44/ 43		.7	1.0	.9	.6													22	22	19	4														
42/ 41		1.6	2.5	2.6														46	46	21	5														
40/ 39		.9	2.8	1.2	.3													35	35	36	13														
38/ 37	.4	2.2	2.9	1.8	.3													59	59	50	13														
36/ 35	.6	2.8	4.7	.9														56	56	68	30														
34/ 33		4.5	3.9	.1														59	59	67	40														
32/ 31	.6	7.2	6.3															89	89	89	83														
30/ 29	.9	6.1	2.8															67	67	82	83														
28/ 27	1.8	4.1	1.0															47	47	72	88														
26/ 25	.3	2.8	.3															23	23	37	80														
24/ 23	.7	1.9	.4															21	21	29	51														
22/ 21	.1	1.0	.1															9	9	17	55														
20/ 19	.1	1.3	.1															11	11	13	26														
18/ 17	.1	.1																2	2	9	24														
16/ 15		.7																5	5	3	17														
14/ 13		1.2																9	9	8	18														
12/ 11	.1	1.2																9	9	7	6														
10/ 9		1.8																7	7	6	7														
8/ 7		.7																5	5	7	7														
6/ 5		.9																6	6	5	10														
4/ 3		.1																1	1	6	6														
2/ 1																				1	3														
0/ -1	.1																	1	1	1	8														
-																																			

PSYCHROMETRIC SUMMARY

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0000

HOURS 1 5 7

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79																		2	2																
78/ 77												.1						1	1																
76/ 75												.1	.4					4	4																
74/ 73												.1						1	1																
72/ 71										.1	.1							2	2																
70/ 69									.1	.1	.3							4	4																
68/ 67								.3	.3	.7								9	9																
66/ 65								.1	.1									2	2																
64/ 63						.1	.4	.3	.3									8	8																
62/ 61						.4	.6	.4	.3									12	12																
60/ 59					.1	.3	.4	.7	.3									11	11																
58/ 57				.1	.3	.4	.4	1.2	.3									20	20																
56/ 55				.3	.6	.6	1.2	.3	.3									22	22		2														
54/ 53			.1	.3	1.3	.7	1.2	.7	.1									31	31	12															
52/ 51		.1	.1	.9	1.0	1.3	1.6	.7	.1									41	41	18															
50/ 49		.1	.1	.9	1.6	2.3	1.5	.4										49	49	19	1														
48/ 47			.4	1.0	1.0	1.5	.4											30	30	27	1														
46/ 45		.4	1.2	2.2	2.3	1.6												53	53	37	6														
44/ 43		.3	.7	1.5	2.6	.6												39	39	39	0														
42/ 41	.1	.4	1.3	1.9	.7	.1												32	32	50	20														
40/ 39		1.0	1.5	2.3	.7	.1												39	39	59	20														
38/ 37	.4	1.0	4.2	1.3	.1													49	49	63	21														
36/ 35	.1	.7	3.0	.9														38	38	73	35														
34/ 33		2.5	3.3	.3														42	42	50	30														
32/ 31	.3	2.6	2.3	.3														38	38	74	83														
30/ 29	.4	1.7	1.3															25	25	40	70														
28/ 27		2.9	.6															24	25	27	104														
26/ 25	.3	1.0	.6															13	13	25	67														
24/ 23	.1	.6	.1															6	6	11	62														
22/ 21		.4	.1															4	4	7	39														
20/ 19		.1																1	1	5	21														
18/ 17		.1	.1															2	2	1	15														
16/ 15		.3	.1					</																											

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 **0900-1100**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
12/ 11		1.0																7	7	3	6													
10/ 9	.1	1.6																12	12	11	1													
8/ 7		.4																3	3	9	4													
6/ 5		.1																1	1	3	3													
4/ 3	.1	.1																2	2	2	8													
2/ 1																				1	4													
0/ -1																					4													
-2/ -3																					5													
-4/ -5																					2													
-6/ -7	.1																	1	1	1	2													
-8/ -9																					1													
-12/-13																					1													
TOTAL	2.5	20.3	22.5	14.1	12.5	10.0	7.7	5.4	2.3	1.0	.4	.4	.4	.3			688	689	688	688														

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

74-81

YEARS

APR
MONTH

PAGE 2 **1200-1400**
HOURS (L. S. T.)

[illegible]

1600-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
86/ 85																.7		5	5																
84/ 83															.1	.3	.3	5	5																
82/ 81														.6				4	4																
80/ 79												.3	.1					3	3																
78/ 77													.1					1	1																
76/ 75													.4					3	3																
74/ 73										.4	.1	1.4	.3	.1				17	17																
72/ 71											.6	.1						5	5																
70/ 69							.3			.4	.1	.8						12	12																
68/ 67							.1		.3	1.4	.3	.3						17	17																
66/ 65							.4	1.0	.6	1.3	.4							26	26																
64/ 63					.3	.1	.4	.6	.6	1.9	.7							32	32																
62/ 61						.3	.8	.6	.8	.4								21	21																
60/ 59				.1	.1	.3	1.0	1.0	.6									20	20																
58/ 57		.1			.3	.6	1.0	.7	1.1	.6								34	34	6															
56/ 55			.1		.1	.1	1.4	1.0	.1									21	21	20	1														
54/ 53	.1	.1		.3	.6	.7	1.3	1.7	.7									41	41	23	1														
52/ 51				.6	.3	.6	1.3	1.1	.7									32	32	29	1														
50/ 49			.3	.4	.6	2.7	2.7	1.4										57	57	31	7														
48/ 47			.3	.8	1.1	1.0	1.1	.4										40	40	41															
46/ 45			.1	2.0	2.4	1.1	.1											41	41	67	5														
44/ 43		.1	.6	1.0	1.3	.4	.3											29	29	38	6														
42/ 41	.1	.8	.4	2.4	.4	.3												32	32	60	17														
40/ 39		1.1	2.0	1.6		.1												34	34	73	20														
38/ 37		.4	1.4	1.4	.4													26	26	72	25														
36/ 35		1.0	1.6	.8														30	30	70	20														
34/ 33		.3	1.1	.8														23	23	39	20														
32/ 31	.4	1.0	2.7	.4	.1													33	33	42	103														
30/ 29		.3	1.1	.4														13	13	25	69														
28/ 27		.7																5	5	26	95														
26/ 25		.1	.3															3	3	8	72														
24/ 23		.6	.1															5	5	4	54														
22/ 21		.1																																	

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 **1800-2000**
HOURS (L, S, T,)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**

74-81

APR

STATION	STATION NAME
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YEARS

MONTH

PAGE 2 1800-2000

HOURS (S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
16/ 15		.6	.1															5	5	2	21														
14/ 13		.9	.3															8	8	6	18														
12/ 11		.4	.1															4	4	5	3														
10/ 9		.3																2	3	5	8														
8/ 7		.1																1	1	3	6														
6/ 5																				1	4														
4/ 3																					3														
2/ 1																					2														
0/ -1																					4														
-2/ -3																					1														
-4/ -5																					1														
-12/-13																					2														
-14/-15																					1														
TOTAL	1.4	12.6	23.0	16.9	11.3	10.0	8.6	7.4	3.7	1.7	1.1	1.1	.4	.4	.3				701		700														
																		700		700															

Element (X)	Z_X	Z_X	X	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2376438	30615	55.218.778	700		$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	Total
Dry Bulb	1493383	31067	44.312.908	701			18.4	4.6	1.7	.3		90
Wet Bulb	1017039	28935	37.1 8.968	700			25.5					90
Dew Point	102277	19163	27.8 8.637	700	1.2	69.3						90

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 **2100-2300**
HOURS L. S. T. 1

[illegible]

PSYCHROMETRIC SUMMARY

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

74-81

APP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T)

[illegible]

1

Q

74-81

MAY

STATION	STATION NAME
---------	--------------

YEARS

MONTH

0000-0200
HOURS (L. S. T.)

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

MAY

0300-0500

HOURS (L - S - T)

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NAV
MONTH

PAGE 1 0600-0600
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAY

MONTH

0900-1100

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAY
MONTH

1200-1400

HOURS 11.5 - 1.5

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

25142 EDMONTON IAP CN

74-01

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS L. S. T. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po																			
82/ 81														.4						3	3																			
80/ 79														.1						1	1																			
78/ 77											.1	.3		.1						4	4																			
76/ 75											.4		.1							4	4																			
74/ 73								.1		.4	.3	.4	.1							10	10																			
72/ 71									1.1	.6	.1									13	13																			
70/ 69						.3	.3	.7	.3	.3	.7	.3								20	20																			
68/ 67					.1	.7	.6	1.4	1.0	1.7	.8									45	45																			
66/ 65					.3	.4	.4	.8	1.3	1.0										30	30																			
64/ 63				.1	.4	1.4	.8	2.0	2.8	1.0	.1									60	60																			
62/ 61				.1	.6	1.1	1.5	1.7	1.3	.3										47	47	1																		
60/ 59			.1	.4	1.3	.8	.7	1.8	.4	.1	.1									45	45	4																		
58/ 57				1.0	1.0	2.0	1.8	2.4	.7	.4										66	66	15																		
56/ 55			.1	.6	.7	1.4	1.5	1.3	.6											44	44	33																		
54/ 53			.1	1.7	.8	1.8	2.2	1.0	.4											58	58	45																		
52/ 51			1.5	1.3	1.4	1.5	.8	.3	.3											51	51	58																		
50/ 49	.4	1.5	2.0	1.1	2.4	1.7	.7	.1												71	71	82																		
48/ 47	.4	.8	1.5	1.0	.6	.3														33	33	97																		
46/ 45	.7	1.3	1.4	.4	.6	.1														32	32	101																		
44/ 43	.1	1.1	.4	.8	.4															21	21	92																		
42/ 41		2.8	.4	.4		.1														27	27	80																		
40/ 39		.4		.4	.1	.1														8	8	49																		
38/ 37		.7	.4	.3																10	10	27																		
36/ 35		.4	.4		.1															7	7	10																		
34/ 33		.4	.1																	4	4	8																		
32/ 31																						11																		
30/ 29																						1																		
28/ 27																						6																		
26/ 25																						2																		
24/ 23																						1																		
22/ 21																						1																		
20/ 19																																								
18/ 17																																								
16/ 15																																								
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F																			
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2 **1800-2000**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

74-01

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
70/ 69											.1							1	1													
68/ 67						.1	.1	.6	.1									7	7													
66/ 65							.3	.4	.1	.1								7	7													
64/ 63			.3			.6	.3	.3	.3									12	12													
62/ 61					.6	.7	.6	.3	.3									17	17													
60/ 59				.4	1.0	.7	.3	.6										21	21	2												
58/ 57			.4	.3	.6	1.4	1.3	.3	.1									31	31	1	1											
56/ 55		.3	.4	.6	1.4	.7	1.3	.1										34	34	4	1											
54/ 53			1.3	.8	2.8	.8	.7	.3	.1									47	47	20	1											
52/ 51		.1	1.5	1.4	1.0	.8	.7	.1	.1									42	42	25	3											
50/ 49	.1	1.8	4.0	1.9	3.8	2.2	.8		.1									104	104	43	11											
48/ 47	.6	3.2	2.1	1.9	2.9	1.1												85	85	75	31											
46/ 45	.6	4.2	1.7	3.1	2.9	.3	.1											92	92	93	55											
44/ 43	.4	2.5	1.7	1.7	1.1	.3												55	55	90	60											
42/ 41	.4	3.9	1.5	1.3	.8	.1												58	58	100	66											
40/ 39	.1	2.5	1.9	.8	.6													43	43	86	70											
38/ 37	.1	.6	1.7	.4	.1													21	21	72	65											
36/ 35		.7	.6	.3														11	11	43	37											
34/ 33		1.0	1.4															17	17	28	58											
32/ 31	.4	.8	.6															13	13	25	103											
30/ 29																				10	50											
28/ 27			.3															2	2	1	52											
26/ 25																					28											
24/ 23																				2	17											
22/ 21																					4											
20/ 19																					6											
18/ 17																					4											
16/ 15																					3											
14/ 13																					3											
10/ 9																					1											
TOTAL	2.0	21.5	21.3	14.9	19.2	9.9	6.0	2.9	1.8	.1	.1								720		720											
																		720		720												
Element (X)	Σx ²		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Num.	3357369		47361		65.818.384		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total											
Dry Bulb	1691482		34440		47.9		7.444		720		1.9		1.0								93											
Wet Bulb	1312488		26462		42.3		5.748		720		9.9										93											
Dew Point	966974		26044		38.9		7.393		720		28.0										93											

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

74-81

MAY
MONTH

ALL

PAGE 1

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

MAY

YEARS

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-40

JUN
MONTH

PAGE 1

0000-0200

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

JUN

YEARS

MONTH

0300-0500

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

0600-0300

HOURS (L, S, T.)

[illegible]

0900-1100
HOURS (L. S. T.)

Element (X)	Z_X'	Z_X	X	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	Total
Dry Bulb	2881777	0.1199	62.2	4.639	694			21.0	3.0	.3		90
Wet Bulb	2613863	0.1112	64.9	7.389	693							90
Dew Point	1987929	0.099	61.1	3.388	694		3.2					90

PSYCHROMETRIC SUMMARY

JUN
MONTH

1200-1400

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

1000-2000
HOURS (i.e. 5-10)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMAR

JUN
MONTH

ALL

HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

ALL

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
68/ 67			.1			.3													3	3															
66/ 65		.3	.1																3	3	2														
64/ 63			.3																4	4	1	3													
62/ 61	.1	.8	.4	.4	.1														14	14	4	1													
60/ 59	.4	1.4	.9	.5															24	24	11	11													
58/ 57	.9	3.9	1.9	.3	.5														56	56	35	15													
56/ 55	1.5	8.0	2.6	.4	.3														94	94	74	41													
54/ 53	.8	9.6	1.9	.8	.4														100	100	91	67													
52/ 51	3.4	9.8	2.0	.3															112	112	132	100													
50/ 49	4.6	14.1	.7	.1															144	144	120	177													
48/ 47	2.0	4.5	.4																51	51	107	100													
46/ 45	1.5	6.6	.7	.3															67	67	94	87													
44/ 43	1.2	3.3	.1																34	34	62	55													
42/ 41	.9	1.6																	19	19	28	37													
40/ 39	.3	.8																	8	8	21	28													
38/ 37	.1	.3																	3	3	4	9													
36/ 35	.1																		1	1	1	4													
34/ 33																						2													
TOTAL	18.06	55.0	12.2	3.1	1.4	.3													737	737	737	737													

Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6074.810	66446	90.8	8.208	737	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1907006	37000	51.6	8.886	737			.4				93
Wet Bulb	1880940	36740	49.9	8.780	737							93
Dew Point	1763448	36073	46.7	8.663	737							93

PSYCHROMETRIC SUMMARY

JUL
MONTH

0600-0800
HOURS (L. S. T.)

1

— 342 —

73-00

JUL

STATION	STATION NAME
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YEARS

MONTH

0900-1100

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

73-60

JUL

STATION

STATION NAME

YEARS

MONT.

PAGE 1

1200-1400

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

Jul

MON T

1500-1700

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 73

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**
STATION STATION NAME

73-40

YEARS

JUL

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Element (X)	Z_N^2	Z_N	\bar{X}	σ_N	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^\circ \text{F}$	$\geq 32^\circ \text{F}$	$\geq 47^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	Total
Rel. Hum.	13071963	0.28949	74.347.802	5770								
Dry Bulb	21040152	0.1396	68.9 0.141	5773			210.6	84.6	16.2			744
Wet Bulb	17991692	0.20220	63.5 0.012	5770			20.3	1.4				744
Dew Point	10007432	0.00011	61.7 0.001	5772			.3	1.3				744

PSYCHROMETRIC SUMMARY

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

PAGE 1 **1500-1700**
HOURS (P. S. T.)

U.S. FETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

25142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 **0300-0500**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 **0600-0000**
HOURS (L. S. T.)

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142

EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81											.3							2	2			
80/ 79											.3							2	2			
78/ 77								.1	.4	.1								5	5			
76/ 75								.6	.1	.6	.1							10	10			
74/ 73							.7	1.3	1.5	.4								27	27			
72/ 71							1.2	1.3	1.3	.3								28	28			
70/ 69						.7	2.0	1.6	.6	.4								37	37			
68/ 67					.3	1.3	2.0	1.7	.1									38	38			
66/ 65					1.2	1.9	1.7	.9	.3									41	41			
64/ 63				.9	2.5	2.0	2.3	1.3	.8									69	69			
62/ 61		.3	.3	.9	1.3	2.6	1.9		.7									55	55	19		
60/ 59		.3	.6	2.0	2.3	1.9	1.5	.3										61	61	39		1
58/ 57		.3	.1	.7	2.8	1.8	.6	.3										41	41	71		2
56/ 55			.6	2.5	1.9	1.3	.6											47	47	68		5
54/ 53	.1	.4	.7	2.8	.9	.4	.1											36	37	74		29
52/ 51		.9	1.5	1.9	.3		.1											32	32	82		38
50/ 49	.3	2.5	2.9	.6	.3	.1												46	46	93		87
48/ 47		2.5	2.3	.3														35	35	71		64
46/ 45	.1	2.8	1.2	.1														29	29	74		114
44/ 43		1.7	.4	.7														20	20	36		89
42/ 41		1.0	.9	.1														14	14	27		78
40/ 39		.3	.1	.1														4	4	7		58
38/ 37	.3	.3	.1	.1														6	6	15		51
36/ 35				.1														1	1	4		30
34/ 33																				2		14
32/ 31																				2		17
30/ 29																						2
28/ 27																						4
26/ 25		.1																1	1			1
24/ 23		.1																1	1	1		1
22/ 21																				1		1
18/ 17																						1
16/ 15																						1
Element (X)	Σ x ²		Σ x		Σ		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1500-1700
HOURS (L., S., T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

AD-A113 175 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON IAP, ALBERTA, CANADA, REVISED UNIFORM SUMMARY OF SURFA--ETC(1)
DEC 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
EDMONTON IAP, ALBERTA, CANADA. REVISED UNIFORM SUMMARY OF SURFA--ETC (1)
DEC 81

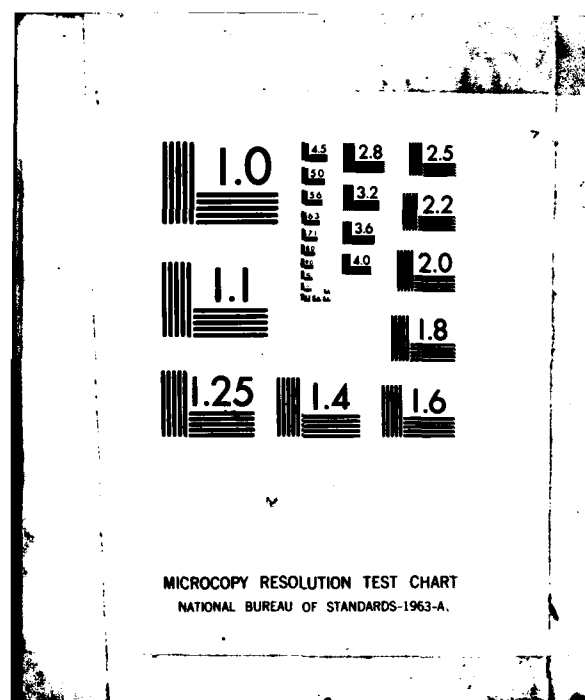
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25102 EDMONTON IAP CN

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
84/ 83												.0						1	1		
82/ 81											.1							3	3		
80/ 79								.0	.0	.0	.1							7	7		
78/ 77							.0	.1	.2	.0	.0							16	16		
76/ 75							.1	.1	.3	.3	.0							45	45		
74/ 73							.2	.3	.0	.1	.1							64	64		
72/ 71					.0	.0	.3	.4	.3	.1								65	65		
70/ 69					.0	.1	.4	.3	.2	.1								69	69		
68/ 67				.1	.2	.5	.6	.7	.1	.0								122	122		
66/ 65				.1	.3	.6	.6	.3	.1									120	121	3	
64/ 63			.1	.5	.8	1.1	.0	.4	.1									206	206	12	
62/ 61		.1	.2	.6	.7	1.0	.7	.9										207	207	47	
60/ 59		.3	.4	1.1	1.3	.0	.5	.1										243	243	127	
58/ 57	.1	.4	.9	.9	.9	.7	.2	.1										230	230	214	
56/ 55	.1	.4	1.3	1.2	1.1	.4	.2	.1										264	264	250	
54/ 53	.2	1.2	1.4	1.3	.7	.3	.0											297	298	350	
52/ 51	.2	2.0	2.1	2.0	.3	.1	.0											370	370	456	
50/ 49	.6	0.6	0.6	.7	.3	.0												603	603	511	
48/ 47	.3	3.9	2.8	.5	.0	.0												404	404	604	
46/ 45	1.3	0.2	1.6	.3	.1													636	636	697	
44/ 43	1.1	0.0	1.2	.3	.1													413	416	663	
42/ 41	.9	0.7	.8	.1														347	347	427	
40/ 39	.6	3.2	.3	.1														233	234	428	
38/ 37	1.2	2.3	.3	.0														214	215	286	
36/ 35	1.1	1.9	.1	.0														174	174	206	
34/ 33	.4	1.1	.1															69	69	136	
32/ 31	.5	.5	.1															57	57	62	
30/ 29	.2	.3	.1															32	32	39	
28/ 27	.2	.3	.0															33	33	27	
26/ 25		.2	.0															13	13	19	
24/ 23		.0																1	1	13	
22/ 21		.1																8	8	1	
20/ 19		.0																2	2	10	
18/ 17																				9	
Element (X)	Σ x'		Σ x		x		x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142
STATION

EDMONTON IAP CN
STA

73-80

YEARS

OCT
MONTH

PAGE 2

1200-1499

HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 79													.1					1	1					
78/ 77										.1		.6						5	5					
76/ 75									.1	.1	.6	.1						7	7					
74/ 73									.1	.4	.1							5	5					
72/ 71								.4	.1	.6	.3							10	10					
70/ 69							.4	.8	.7	.4	.1							18	18					
68/ 67						.3	.8	.7	1.0	.1								18	18					
66/ 65					.1	.4	.3	.7	.3	.3								15	15					
64/ 63						.1	1.7	.6	.8	.1								21	21					
62/ 61					.3	.8	1.0	.7	.6									22	22					
60/ 59					1.1	.8	1.2	.6	.1									25	25					
58/ 57				.4	.8	1.2	.8	1.9	.3									38	38	17				
56/ 55				.1	.6	.8	1.7	1.4	.1									34	34	20				
54/ 53				.3	1.0	2.1	1.9	1.4										48	48	22	1			
52/ 51			.1	.7	1.9	2.1	1.2	.7										49	49	46	1			
50/ 49		.1	.7	1.0	3.6	3.3	1.9											80	80	28	10			
48/ 47		.1	1.8	1.8	2.1	2.2	.7	.6										63	63	36	14			
46/ 45		.4	1.0	2.6	2.1	1.7	.3											58	58	44	21			
44/ 43			.7	.6	2.3	1.0												33	33	94	21			
42/ 41		.8	1.2	1.9	.4	.4												35	35	76	32			
40/ 39		2.5	.7	1.5	.8													40	40	93	49			
38/ 37	.6	1.8	.8	1.0	.7													33	33	72	52			
36/ 35		.7	1.4	.6														19	19	67	56			
34/ 33		.8	.4	.1														10	10	33	66			
32/ 31	.1	.7	1.0	.6														17	17	29	91			
30/ 29	.1	.1	.1	.6														7	7	19	56			
28/ 27	.4	.7																8	8	9	78			
26/ 25	.4																	3	3	13	52			
24/ 23		.3																2	2		42			
22/ 21																				2	38			
20/ 19	.1																	1	1	1	27			
18/ 17																					9			
16/ 15																					11			
14/ 13																					5			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MONTH

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMAR

73-80

OC 1

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-00

YEARS

OCT

MONTH

PAGE 2

ALL

HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 **0000-020**
HOURS (L. S. T)

HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

23-00

YEARS

HOW
MONTH

0000-0200
MOMENTS (L. S. T.)

Element (X)	$-Z_R$	$-Z_X$	Y	S	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3906507	51669	74.13	3.500	697	$\leq 0^\circ\text{F}$	$\leq 32^\circ\text{F}$	$\leq 67^\circ\text{F}$	$\leq 73^\circ\text{F}$	$\leq 80^\circ\text{F}$	$\leq 93^\circ\text{F}$	Total
Dry Bulb	415915	10245	20.61	3.390	697	9.3	77.3					9
Wet Bulb	202704	12905	18.65	3.150	697	9.3	82.0					9
Dew Point	225255	9110	12.10	3.750	697	11.0	80.2					9

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1 0300-0300
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CM

72-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0900

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
54/ 53						.1	.3											3	3						
44/ 43				.1	.1													3	3	3					
42/ 41			.3	.3		.1												5	5						
40/ 39			1.0	.1	.6	.1												13	13						
38/ 37		.3	.7	.1	.3													10	10	6					
36/ 35		1.0	.9	.9	.9													22	22	15					
34/ 33	.4	1.2	1.0	.4	.3													23	23	17	10				
32/ 31	1.2	3.1	3.7	1.0														61	61	31	24				
30/ 29	.9	1.3	1.6	.3	.1													29	29	47	18				
28/ 27	.7	2.3	3.2															45	45	42	25				
26/ 25	1.9	3.1	.9															40	40	45	26				
24/ 23	1.2	4.4	.6															42	42	52	36				
22/ 21	1.2	6.9	.6															59	59	63	33				
20/ 19	1.0	3.0	.1															37	38	57	37				
18/ 17	.9	2.0																20	20	27	49				
16/ 15	2.3	3.2																44	44	48	65				
14/ 13	1.0	2.0																29	29	22	81				
12/ 11	.9	2.3																22	22	23	50				
10/ 9	3.9	2.9																47	47	43	26				
8/ 7	.4	1.2																13	13	18	26				
6/ 5	1.0	1.0																10	10	16	29				
4/ 3	.3	1.2																11	11	20	15				
2/ 1	1.2	2.0																22	22	17	16				
0/ -1	1.6	.3																13	13	17	13				
-2/ -3	.4	.3																5	5	7	20				
-4/ -5	1.2																	9	9	9	18				
-6/ -7	.4	.3																5	5	3	11				
-8/ -9	1.0																	7	7	9	6				
-10/-11	.3																	2	2	2	9				
-12/-13	.6																	4	4	4	3				
-14/-15	.3																	2	2	2	2				
-16/-17	.7																	5	5	5	4				
-18/-19	.9																	6	6	6	6				
-20/-21	1.2																	8	8	8	2				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0600-0000
HOURS (L. S. T.)

U.S. SAFETY FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25142

EDMONTON IAP CN

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
58/ 57							.1											1	1		
56/ 55							.1											1	1		
54/ 53						.1	.1	.3	.1									5	5		
52/ 51							.1	.1										2	2		
50/ 49			.1	.1	.4		.3											7	7		
48/ 47					.3	.9												5	5	1	
46/ 45			.3	.1	.4	.7	.1											12	12	1	
44/ 43			.4	.8	.9	.9												12	12	5	
42/ 41		.5		1.1	.9	.3												18	18	9	
40/ 39		.9	.4	.6	.9	.1												14	14	9	
38/ 37		.7	2.1	1.3	1.4													39	39	16	
36/ 35	.1	2.0	1.9	1.9	.9													44	44	32	
34/ 33	.1	1.1	3.3	.9	.3													40	40	41	
32/ 31	1.1	2.0	4.6	2.6	.1													79	79	61	
30/ 29	.3	1.3	3.0	.1														33	33	59	
28/ 27	1.3	2.6	3.1															49	49	57	
26/ 25	1.1	3.0	.7															34	34	58	
24/ 23	.9	2.4	.4															29	29	45	
22/ 21	.1	3.3	.1															25	25	45	
20/ 19	1.0	2.1	.1															27	27	35	
18/ 17	1.1	2.6																26	26	24	
16/ 15	1.0	2.1																22	22	20	
14/ 13	1.0	1.9																20	20	15	
12/ 11	.7	2.7																24	24	18	
10/ 9	1.0	1.7	.1															24	24	27	
8/ 7	.1	1.9																11	11	15	
6/ 5	.9	1.7																18	18	14	
4/ 3	.7	.9																11	11	20	
2/ 1	.3	1.9																15	15	11	
0/ -1	.9	.3																8	8	10	
-2/ -3	1.1	.7																13	13	14	
-4/ -5	1.1	.4																11	11	10	
-6/ -7	.6																	6	6	6	
-8/ -9	.9																	6	6	7	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-10/-11	.4																	3	3	3	8				
-12/-13	1.0																	7	7	7	8				
-14/-15																					4				
-16/-17	.3																	2	2	2	5				
-18/-19	.1																	1	1	1	4				
-20/-21																					5				
-22/-23																					4				
-24/-25																					3				
TOTAL	19.9	1.3	2.8	8.7	5.6	2.1	1.0	.4	.1									702	702	702	702				

PSYCHROMETRIC SUMMARY

25142
STATION

EDMONTON IAF CN

72-00

NOV

PAGE 1

1200-1400

HOURS (L. S. Y.)

PSYCHROMETRIC SUMMARY

25142

EDMONTON 142 CN

73-88

204

PAGE 2

1200-1400

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
66/ 65								.1										1	1															
64/ 63								.1	.1	.3								4	4															
62/ 61								.1										5	5															
58/ 57							.3	.1		.3								5	5															
56/ 55					.1	.1	.3	.4	.1									8	8															
54/ 53					.3		.6	.4	.3									11	11															
52/ 51						.3	.6	.1	.1									8	8	1														
50/ 49					.1	.7	1.0	.3	.1									16	16	7														
48/ 47			.1	.1	.6	1.1	.3											16	16	6														
46/ 45			.1		.7	1.4	.7	.4										24	24	3														
44/ 43		.4		.5	.7	1.1	.4	.1										22	22	7														
42/ 41		.3		1.1	2.5	1.3	.1											38	38	21	4													
40/ 39		.1	.6	1.0	2.5	.8												36	36	16	5													
38/ 37		1.4	.8	2.0	1.0	.8												49	49	29	7													
36/ 35	.1	.7	1.3	2.1	1.1	.3												40	40	45	9													
34/ 33		1.1	2.7	1.1	.6													39	40	56	15													
32/ 31	.7	1.7	3.4	2.0	.4													58	58	78	14													
30/ 29	.4	.8	1.3	1.0	.1													40	40	63	25													
28/ 27	.4	1.1	2.0	.6														35	35	50	43													
26/ 25		1.7	.8															18	18	47	42													
24/ 23		1.6	.4															14	14	35	84													
22/ 21		1.8																13	13	24	41													
20/ 19	1.3	1.3	.1															18	18	25	64													
18/ 17	.7	2.8																25	25	23	52													
16/ 15	.4	.7	.1															9	9	12	54													
14/ 13	.6	2.4	.1															22	22	16	68													
12/ 11	.1	1.7	.1															14	14	12	24													
10/ 9	.4	2.4	.1															21	21	25	34													
8/ 7	.1	1.6																12	12	11	11													
6/ 5		2.1																15	15	17	14													
4/ 3	.1	1.3																10	10	16	14													
2/ 1	.3	2.3																21	21	16	11													
0/ -1	1.0	.1																8	8	13	11													
-2/ -3	1.1	1.1																16	16	17	1													
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature																		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

73-40

YEARS

NOV

PAGE 2 **1500-1700**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
-4/-5	.7	.6																	9	9	8	19												
-6/-7	.6																		4	4	5	9												
-8/-9	.3																		1	1	1	17												
-10/-11	.3																		2	2	2	11												
-12/-13																						5												
-14/-15																						7												
-16/-17																						3												
-18/-19																						3												
-22/-23																						1												
TOTAL	2.6	33.8	17.1	11.3	11.7	8.3	4.7	2.3	1.2	.3									707	708		707												

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

73-40

YEARS

NOV
MONTH

PAGE 1 **1800-2000**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 **1800-2000**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**
STATION STATION NAME

73-80

YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 2 **2100-2300**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point													
-16/-17	.4																	3	3	3	8													
-18/-19	.1																	1	1	1	5													
-20/-21	.1																	1	1	1	5													
-22/-23																					5													
-24/-25																					4													
-26/-27																					1													
-28/-29																					1													
TOTAL	21.0	46.3	20.1	7.6	4.0	.4	.1												706	707	706													

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**
STATION STATION NAME

73-80

YEARS

NOV
MONTH

PAGE 1

HOURS (L.S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point															
66/ 65								.0										1	1																	
64/ 63								.1	.0	.1								7	7																	
62/ 61						.0	.1	.0	.0	.0								11	11																	
60/ 59							.1	.0	.1									10	10																	
58/ 57						.1	.1	.0	.0									12	12																	
56/ 55					.1	.1	.1	.1	.0									19	19																	
54/ 53					.0	.1	.2	.1	.1									32	32																	
52/ 51				.0	.1	.2	.2	.1	.0									20	20	2																
50/ 49			.0	.1	.2	.2	.0	.1	.0									50	50	11																
48/ 47			.0	.1	.2	.2	.2	.0										56	56	17																
46/ 45			.1	.1	.4	.0	.2	.1										86	86	19	1															
44/ 43		.1	.1	.2	.5	.0	.2	.0										95	95	43																
42/ 41		.1	.2	.7	.9	.4	.1											129	129	53	4															
40/ 39		.2	.6	.8	.9	.9												160	160	61	15															
38/ 37	.0	.5	.9	1.2	.9	.2												207	207	141	23															
36/ 35	.1	1.1	1.1	1.2	.7	.1												230	230	216	50															
34/ 33	.3	1.3	2.1	1.0	.4													284	285	274	96															
32/ 31	.9	2.0	3.7	1.0	.2													504	504	397	107															
30/ 29	.5	1.9	2.7	.5	.1													319	319	300	163															
28/ 27	.8	2.9	3.2	.2														376	376	472	200															
26/ 25	.7	3.0	1.2	.1														279	279	396	265															
24/ 23	.5	3.2	.0	.0														256	257	377	340															
22/ 21	.0	3.7	.4															263	263	360	352															
20/ 19	1.6	2.7	.2															257	259	346	349															
18/ 17	.6	2.9																200	200	230	441															
16/ 15	1.5	2.3	.0															216	217	250	461															
14/ 13	1.0	2.7	.0															211	211	165	597															
12/ 11	.5	2.2	.0															153	153	144	200															
10/ 9	1.7	1.0	.1															196	196	220	252															
8/ 7	.5	1.6																117	117	116	157															
6/ 5	.0	1.9																143	143	149	166															
4/ 3	.5	1.2																97	97	147	121															
2/ 1	.4	1.5																100	100	99	119															
0/ -1	1.2	.2																70	70	92	103															
Element (X)	Σ x ²			Σ x			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Num.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

25142 EDMONTON IAP CN
STATION STATION NAME

PSYCHROMETRIC SUMMARY

25142	EDMONTON IAP CN	73-00	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-2/-3	1.3	.5																89	89	99	93			
-4/-5	1.2	.3																90	90	81	104			
-6/-7	.8	.1																51	51	56	87			
-8/-9	.8																	44	44	49	97			
-10/-11	.4																	22	22	22	65			
-12/-13	.6																	34	34	34	47			
-14/-15	.2																	14	14	14	42			
-16/-17	.4																	23	23	23	47			
-18/-19	.2																	13	13	13	32			
-20/-21	.2																	14	14	14	28			
-22/-23	.0																	2	2	2	31			
-24/-25	.0																	1	1	1	17			
-26/-27																					28			
-28/-29																					18			
-30/-31																					3			
-32/-33																					2			
TOTAL	20.4	42.0	17.8	8.1	5.1	3.2	1.7	.7	.3	.1								5603	5607	5603	5603			

Element (X)	Z_X^2	Z_X	T	C_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Dry Bulb	2011.814	44.844	78.0	1.02	1407	51.0	539.0					720
Wet Bulb	1870.774	43.252	78.0	1.02	1407	64.8	612.0					720
Dew Point	1730.734	41.602	78.0	1.02	1407	100.0	600.0					720

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
-22/-23	2.8																	20	20	20	14												
-24/-25	.7																	5	5	5	9												
-26/-27	.7																	5	5	5	13												
-28/-29	.1																	1	1	1	7												
-30/-31	.1																	1	1	1	18												
-32/-33																					14												
-34/-35																					3												
-36/-37																					4												
-38/-39																					1												
-42/-43																				1													
-44/-45																				1													
-46/-47																				1													
TOTAL	41.2	47.6	9.2	1.8	.1													714	717	714	710												
								</																									

PSYCHROMETRIC SUMMARY

25142 **EDMONTON IAP CN**
STATION STATION NAME

73-80

YEARS

DEC
MONTH

PAGE 1 **0300-0500**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
46/ 45				.1	.1													2	2													
44/ 43					.1													1	1													
42/ 41				.1														2	2													
40/ 39				.3														2	2	1												
38/ 37	.1	.7	.3		.1													9	9	6												
36/ 35	.1	.3	.8	.1														10	10	9	5											
34/ 33			.7	.3														7	7	4	3											
32/ 31		1.1	1.3	.8														20	20	8	3											
30/ 29		.1	1.4	.1														12	12	16	6											
28/ 27	.7	2.9	.7	.1														28	28	21	17											
26/ 25	.8	2.8	.8															32	32	30	9											
24/ 23	.9	3.8	.7															35	35	28	20											
22/ 21	.8	4.2	.8															42	42	45	28											
20/ 19	1.3	2.2	.9															28	28	46	38											
18/ 17	.6	2.6	.4															26	26	29	31											
16/ 15	1.3	3.0																45	45	45	29											
14/ 13	2.9	3.8																48	48	44	36											
12/ 11	1.1	2.8																28	28	30	58											
10/ 9	3.5	3.2																48	48	49	43											
8/ 7	2.1	2.5																33	33	32	46											
6/ 5	1.7	2.5																30	30	30	34											
4/ 3	1.3	2.5																27	27	37	38											
2/ 1	1.4	1.4																20	20	19	24											
0/ -1	1.8																	13	13	19	21											
-2/ -3	1.4																	10	10	10	28											
-4/ -5	4.0	.8																35	35	33	23											
-6/ -7	1.8																	13	13	15	11											
-8/ -9	4.0																	29	29	29	13											
-10/-11	1.5																	11	11	11	11											
-12/-13	1.1																	8	8	8	18											
-14/-15	.7																	5	5	5	16											
-16/-17	1.1																	8	8	8	15											
-18/-19	1.4																	10	10	10	18											
-20/-2																																

PSYCHROMETRIC SUMMARY

25142
STATION

EDMONSON IAP CN

73-60

DEC

PAGE 2

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0 -	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
-22/-23	3.1																	22	22	22	12													
-24/-25	.7																	5	5	5	7													
-26/-27	.4																	3	3	3	13													
-28/-29	.1																	1	1	1	16													
-30/-31																					18													
-32/-33																					7													
-34/-35																					4													
-36/-37																					1													
-40/-41																					1													
-44/-45																				2														
-46/-47																				1														
TOTAL	44.6	44.6	8.8	1.4	.4													717	720	717	717													
				</																														

PSYCHROMETRIC SUMMARY

25142
STATION

EDMONTON IAP CM
STA

72-60

YEARS

DEC
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
46/ 45				.1	.1													2	2																
44/ 43			.1		.1													5	5																
42/ 41					.1													1	1																
40/ 39		.1	.1	.1	.1													10	10	4															
38/ 37		.1	.1	.1														5	5	2	1														
36/ 35	.1	.1	.1															4	4	10	2														
34/ 33	.1	.1	.1															8	8	11	6														
32/ 31		.1	.1	.1														20	20	7	5														
30/ 29		.1	.1															10	10	12	2														
28/ 27		.1	.1															31	31	16	11														
26/ 25	.1	.1	.1															36	36	30	12														
24/ 23	.1	.1	.1															30	30	42	19														
22/ 21	.1	.1	.1															29	29	32	24														
20/ 19	.1	.1	.1															36	36	33	31														
18/ 17	.1	.1	.1															32	32	44	27														
16/ 15	.1	.1	.1															37	37	41	43														
14/ 13	.1	.1	.1															39	39	38	48														
12/ 11	.1	.1	.1															33	33	34	27														
10/ 9	.1	.1	.1															52	52	52	62														
8/ 7	.1	.1	.1															28	28	32	47														
6/ 5	.1	.1	.1															38	38	23	34														
4/ 3	.1	.1	.1															20	20	42	32														
2/ 1	.1	.1	.1															19	19	20	26														
0/ -1	.1	.1	.1															22	22	27	20														
-2/ -3	.1	.1	.1															11	11	11	22														
-4/ -5	.1	.1	.1															28	28	26	24														
-6/ -7	.1	.1	.1															24	24	21	17														
-8/ -9	.1	.1	.1															11	11	16	15														
-10/ -11	.1	.1	.1															21	21	21	14														
-12/ -13	.1	.1	.1															8	8	8	19														
-14/ -15	.1	.1	.1															10	10	10	7														
-16/ -17	.1	.1	.1															10	10	10	20														
-18/ -19	.1	.1	.1															8	8	8	16														
-20/ -21																																			

USAFETAC **FORM** **0-26-3 (OL A)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
(JUN 71)

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
-22/-23	1.9																	14	14	14	15												
-24/-25	.7																	5	5	5	4												
-26/-27	.7																	5	5	5	12												
-28/-29	.3																	2	2	2	17												
-30/-31																					8												
-32/-33	.3																	2	2	2	6												
-34/-35																					2												
-36/-37																					5												
-38/-39																					1												
-40/-41																				1	2												
-42/-43																				2													
TOTAL	43.9	55.6	8.3	1.9	.8													719	722	719	719												

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 **0900-1100**
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMAR

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-110

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pt.													
-24/-25	.1																	1	1	1														
-26/-27	.7																	5	5	5	1													
-28/-29	.1																	1	1	1														
-30/-31																																		
-32/-33																																		
-34/-35																				2														
-36/-37																				1														
-38/-39																				1														
-40/-41																				1														
TOTAL	40.7	44.5	12.3	2.4	.1															722		717												

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

73-80

YEARS

DEC
MONTH

PAGE 2 **1200-1400**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 **1500-1700**
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-20/-21	.6																	0	0	0	13		
-22/-23	.3																	2	2	2	14		
-24/-25																					13		
-26/-27	.1																	1	1	1	16		
-28/-29	.7																	5	5	5	2		
-30/-31																					1		
-32/-33																					2		
-34/-35																			1		2		
-36/-37																					1		
-38/-39																					3		
-40/-41																					1		
TOTAL	31.5	46.3	17.2	9.9	.6														726		726		

PSYCHROMETRIC SUMMARY

73-40

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1000-2000

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 **1800-200**
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

73-10

YEARS

DEC
MONTH

PAGE 2 **2100-2300**
HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

 HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

25142 EDMONTON IAP CN
STATION STATION NAME

73-80

YEARS

DEC
MONTH

PAGE 2

ALL

HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25192 STATION EDMONTON IAP CM 73-81 YEARS ALL MONTH ALL

PAGE 2 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
22/ 21	.2	1.5	.3	.0														1376	1376	1774	2059																			
20/ 19	.4	1.2	.3	.0														1255	1256	1591	2056																			
18/ 17	.2	1.3	.1															1090	1090	1262	1864																			
16/ 15	.4	1.2	.1															1137	1139	1373	1699																			
14/ 13	.8	1.0	.1															1575	1575	1178	2220																			
12/ 11	.3	1.1	.0															966	968	1169	1375																			
10/ 9	.7	1.1	.0															1224	1227	1214	1507																			
8/ 7	.3	.9	.0															837	838	943	1142																			
6/ 5	.3	.9	.0															808	808	833	1059																			
4/ 3	.3	.8																719	720	1037	909																			
2/ 1	.2	.7																629	629	645	825																			
0/ -1	.2	.1																642	642	756	699																			
-2/ -3	.8	.8																644	644	664	666																			
-4/ -5	1.1	.4																1016	1016	916	840																			
-6/ -7	.6	.2																576	576	597	573																			
-8/ -9	.8	.0																566	566	683	694																			
-10/-11	.6	.0																387	387	386	542																			
-12/-13	.6																	383	383	384	563																			
-14/-15	.5																	308	308	308	514																			
-16/-17	.5																	316	316	316	526																			
-18/-19	.4																	287	287	287	461																			
-20/-21	.4																	244	244	244	395																			
-22/-23	.3																	214	214	214	525																			
-24/-25	.2																	105	105	105	385																			
-26/-27	.1																	95	95	95	358																			
-28/-29	.1																	51	51	51	263																			
-30/-31	.1																	40	40	40	177																			
-32/-33	.0																	23	23	23	193																			
-34/-35	.0																	10	15	10	186																			
-36/-37																			12			180																		
-38/-39																			12			50																		
-40/-41																			4			45																		
-42/-43																			7			14																		
-44/-45																			9			7																		
Element (X)	Σ X ²				Σ X				Σ				Σ				Σ				No. Obs.				Mean No. of Hours with Temperature															
Rel. Hum.																									≤ 0 F				≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH



HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0 -	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point										
-46/-47																						5									
-48/-49																						2									
TOTAL	15.336	6.618	.4	9.1	6.2	4.8	3.8	2.8	1.5	.8	.4	.2	.1	.1	.0	.0		67939	68037		67939										

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATMOSPHERIC WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25142 EDMONTON IAP CN

73-81

STATION	STATION NAME	YEARS											
HRS (LST)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-01	MEAN 6.5	10.2	19.5	33.9	43.8	50.1	53.7	50.5	44.3	35.5	20.4	10.4	31.7
	S.D. 16.920	16.443	13.784	9.817	6.769	6.357	5.513	6.178	6.501	8.221	13.390	15.803	20.101
	TOTAL OBS 722	662	720	693	727	700	726	724	703	726	697	717	8517
02-05	MEAN 6.0	8.6	18.1	31.5	41.0	48.0	51.4	48.4	42.3	34.1	19.3	9.7	30.0
	S.D. 17.210	16.246	13.905	9.465	6.368	6.266	5.086	6.043	6.270	8.114	13.660	15.713	19.631
	TOTAL OBS 735	662	732	695	727	702	737	730	709	731	708	720	8588
06-08	MEAN 5.7	7.6	17.9	33.3	45.9	53.5	56.3	51.3	43.3	34.0	18.6	9.5	31.5
	S.D. 17.306	16.457	13.953	10.705	6.871	5.993	5.275	6.348	6.538	8.079	13.436	15.949	21.394
	TOTAL OBS 713	653	719	684	709	690	717	712	683	719	685	722	8406
09-11	MEAN 6.7	11.1	22.9	41.8	54.0	60.9	64.0	59.6	52.7	42.7	23.8	10.9	37.7
	S.D. 17.659	16.474	14.109	13.117	8.479	7.329	6.487	7.074	7.648	9.623	14.351	15.706	23.809
	TOTAL OBS 720	655	725	689	719	695	720	722	702	718	702	722	8489
12-14	MEAN 10.7	17.0	28.5	47.1	58.2	65.0	68.5	64.3	58.7	50.0	30.5	15.1	42.9
	S.D. 16.879	16.771	13.294	14.101	9.542	8.262	7.453	7.960	9.404	10.888	15.848	15.958	24.024
	TOTAL OBS 725	660	717	689	707	683	716	721	689	725	703	714	8449
15-17	MEAN 10.0	18.2	29.6	48.8	59.1	66.2	69.6	65.6	59.8	50.0	28.7	14.5	43.4
	S.D. 16.755	16.759	13.169	14.213	9.874	8.699	7.607	8.236	9.975	10.801	15.720	15.926	24.496
	TOTAL OBS 732	669	727	708	731	699	721	727	702	725	708	727	8576
18-20	MEAN 7.6	13.5	24.7	44.3	56.0	63.2	66.1	60.8	52.7	40.9	22.4	12.0	38.7
	S.D. 17.210	16.472	12.920	12.904	9.156	7.795	7.210	7.825	8.120	9.267	14.060	16.039	23.985
	TOTAL OBS 724	649	713	701	714	688	713	712	699	722	697	724	8456
21-23	MEAN 6.9	11.5	21.5	37.5	47.9	54.8	57.6	53.3	46.7	37.4	20.8	11.3	34.0
	S.D. 16.995	16.661	13.418	10.071	7.484	6.446	5.840	6.543	6.517	8.497	13.528	15.971	21.206
	TOTAL OBS 727	661	720	691	720	708	723	733	708	729	707	729	8556
ALL HOURS	MEAN 7.6	12.2	22.8	39.8	50.7	57.7	60.9	56.7	50.0	40.6	23.1	11.7	36.2
	S.D. 17.206	16.903	14.202	13.478	10.440	9.733	9.141	9.431	10.074	11.119	14.850	15.993	22.926
	TOTAL OBS 5798	5271	5773	5550	5754	5565	5773	5781	5595	5795	5607	5775	68037

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2142 EDMONTON IAP CN

73-81

STATION		STATION NAME												YEARS											
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
C-02	MEAN	6.0	9.2	17.8	30.7	39.9	47.1	51.7	48.9	42.5	32.8	18.6	9.6	29.7											
	S.D.	15.386	15.159	12.927	8.421	5.814	5.662	4.926	5.644	5.933	6.955	12.138	14.647	19.019											
	TOTAL OBS	712	659	720	693	726	700	725	724	702	726	697	714	8498											
1-15	MEAN	5.4	7.6	16.6	29.0	38.0	45.7	49.9	47.2	40.9	31.9	17.6	9.0	28.4											
	S.D.	15.849	15.184	13.135	8.399	5.906	5.765	4.754	5.690	5.893	7.114	12.446	14.533	18.828											
	TOTAL OBS	728	659	732	695	727	702	737	728	706	731	708	717	8570											
1-16	MEAN	5.0	6.5	16.4	30.3	41.5	49.8	53.5	49.7	41.8	31.9	17.1	8.7	29.4											
	S.D.	16.009	15.576	13.169	9.242	5.793	5.046	4.533	5.744	6.002	7.086	12.405	14.763	20.213											
	TOTAL OBS	708	653	719	684	709	690	716	711	683	719	684	719	8395											
1-17	MEAN	5.9	9.7	20.5	35.5	45.6	53.3	57.6	54.7	48.2	38.0	21.3	10.1	33.9											
	S.D.	16.318	15.352	12.869	9.635	5.848	5.330	4.971	5.461	5.699	7.287	12.602	14.366	21.042											
	TOTAL OBS	716	655	723	688	719	694	720	722	701	717	702	717	8474											
1-14	MEAN	9.3	14.9	24.8	38.3	47.1	54.5	59.1	56.4	50.6	41.8	25.8	13.5	36.4											
	S.D.	15.615	15.358	11.597	9.383	5.764	5.528	5.225	5.699	6.058	7.338	12.732	14.801	20.136											
	TOTAL OBS	723	660	715	689	705	683	716	720	688	724	702	714	8439											
1-17	MEAN	9.1	15.8	25.6	39.2	47.4	54.7	59.6	56.7	51.0	41.6	24.3	13.1	36.9											
	S.D.	15.567	15.252	11.302	9.189	5.650	5.417	5.106	5.692	6.398	7.424	12.801	14.743	20.227											
	TOTAL OBS	732	669	726	708	731	699	720	726	702	725	707	726	8571											
1-20	MEAN	6.6	11.9	22.0	37.1	46.1	53.8	58.6	55.1	47.9	36.4	19.9	11.0	33.9											
	S.D.	15.970	15.326	11.752	8.962	5.588	5.287	5.088	5.761	6.148	7.404	12.467	14.842	20.800											
	TOTAL OBS	721	649	713	700	714	687	713	710	698	722	697	721	8449											
1-23	MEAN	6.0	10.1	19.6	33.3	42.3	50.2	54.4	50.9	44.3	34.1	18.7	10.4	31.3											
	S.D.	15.853	15.491	12.564	8.171	5.740	5.429	4.832	5.724	5.817	7.031	12.250	14.690	19.739											
	TOTAL OBS	724	660	720	691	720	708	723	732	708	729	706	726	8547											
ALL HOURS	MEAN	6.7	10.7	20.4	34.2	43.5	51.1	55.5	52.4	45.9	36.1	20.4	10.7	32.4											
	S.D.	15.887	15.633	12.854	9.655	6.647	6.332	6.012	6.648	7.073	8.155	12.823	14.758	20.226											
	TOTAL OBS	5764	5264	5768	5548	5751	5563	5770	5773	5588	5793	5603	5754	67939											

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2142 EDMONTON IAP CN

73-81

STATION		STATION NAME												YEARS	
HRS	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
C-2	MEAN	-0.5	2.7	12.3	25.4	35.1	44.3	50.1	47.6	40.7	28.8	13.1	4.1	25.5	
	S.D.	16.919	16.813	14.426	9.004	7.225	6.389	4.975	5.565	6.084	7.031	12.719	16.254	20.955	
	TOTAL OBS	712	659	720	693	726	700	725	724	702	726	697	714	8498	
C-05	MEAN	-1.1	1.2	11.2	24.3	34.2	43.4	48.7	46.2	39.4	28.3	12.3	3.4	24.5	
	S.D.	17.388	16.865	14.534	9.120	7.215	6.358	4.883	5.706	6.100	7.291	13.012	16.011	20.903	
	TOTAL OBS	728	659	732	695	727	702	737	728	706	731	708	717	8570	
C-09	MEAN	-1.0	0.0	11.1	25.2	36.4	46.4	51.4	48.3	40.3	28.3	12.0	3.0	25.2	
	S.D.	17.560	17.342	14.534	9.597	7.176	5.889	4.783	5.644	6.074	7.269	13.086	16.140	22.020	
	TOTAL OBS	708	653	719	684	709	690	716	711	683	719	684	719	8395	
-11	MEAN	-0.7	3.0	14.4	27.0	36.6	46.9	53.0	51.0	44.1	32.3	15.4	4.4	27.4	
	S.D.	17.696	16.869	13.958	9.062	7.698	6.786	5.636	5.611	5.587	7.060	12.657	15.721	21.846	
	TOTAL OBS	716	655	723	688	719	694	720	722	701	717	702	717	8474	
1-14	MEAN	2.3	7.5	17.1	26.9	35.6	45.9	52.7	50.5	43.8	32.3	17.0	7.4	28.3	
	S.D.	16.952	16.938	12.359	8.760	7.871	7.216	6.134	6.193	5.969	7.332	11.878	15.9	20.396	
	TOTAL OBS	723	660	715	689	705	683	716	720	688	724	702	714	8439	
1-17	MEAN	2.0	8.3	17.4	26.9	35.1	45.3	52.7	50.1	43.4	31.8	15.7	6.9	28.0	
	S.D.	17.108	16.945	12.028	8.958	7.907	7.062	6.145	6.237	6.367	7.761	12.179	16.143	20.369	
	TOTAL OBS	732	669	726	708	731	699	720	726	702	725	707	726	8571	
1-20	MEAN	-0.2	5.0	15.4	27.4	35.5	46.0	53.3	50.8	43.6	30.3	13.4	5.2	27.2	
	S.D.	17.466	17.128	12.992	8.837	8.005	7.253	5.996	5.877	6.263	7.857	12.795	16.388	21.515	
	TOTAL OBS	721	649	713	700	714	687	713	710	698	722	697	721	8445	
1-23	MEAN	-0.7	3.3	13.9	26.8	35.9	46.1	52.1	49.0	41.9	29.3	12.9	4.6	26.4	
	S.D.	17.476	17.176	14.034	8.646	7.395	6.622	5.022	5.582	6.055	7.186	12.705	16.123	21.421	
	TOTAL OBS	724	660	720	691	720	708	723	732	708	729	706	726	8547	
ALL HOURS	MEAN	-0.1	3.9	14.1	26.2	35.6	45.5	51.7	49.2	42.1	30.2	14.0	4.9	26.6	
	S.D.	17.345	17.213	13.827	9.056	7.600	6.791	5.673	6.021	6.300	7.527	12.738	16.152	21.223	
	TOTAL OBS	5764	5264	5768	5548	5751	5563	5770	5773	5588	5793	5603	5754	67939	

RELATIVE HUMIDITY

JAN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	100.0	100.0	100.0	99.7	97.1	83.8	49.2	18.7	3.5	70.3	712
	03-05	100.0	100.0	100.0	99.7	97.5	85.3	49.0	19.0	3.8	71.1	728
	06-08	100.0	100.0	100.0	99.9	98.0	83.2	48.2	19.1	3.5	70.7	708
	09-11	100.0	100.0	100.0	100.0	96.5	83.1	47.5	17.9	4.1	70.4	716
	12-14	100.0	100.0	100.0	99.9	96.7	76.9	42.0	12.4	2.2	68.6	723
	15-17	100.0	100.0	100.0	100.0	95.6	75.3	40.2	13.9	2.5	68.3	732
	18-20	100.0	100.0	100.0	99.9	96.8	81.7	43.7	15.7	3.9	69.8	721
	21-23	100.0	100.0	99.9	99.7	96.5	81.1	49.7	17.8	3.7	70.2	724
TOTALS		100.0	100.0	100.0	99.9	96.8	81.3	46.2	16.8	3.4	70.0	5764

0-87-5 (OL A)

RELATIVE HUMIDITY

FEB

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	100.0	98.6	81.6	48.3	19.6	3.9	70.7	659
	03-05	100.0	100.0	100.0	100.0	98.5	82.2	49.5	21.5	6.8	71.2	659
	06-08	100.0	100.0	100.0	100.0	98.6	82.4	46.6	19.0	7.0	70.7	653
	09-11	100.0	100.0	100.0	100.0	98.6	80.0	45.2	10.0	3.8	69.8	655
	12-14	100.0	100.0	100.0	100.0	95.5	67.7	31.1	7.9	1.8	66.2	660
	15-17	100.0	100.0	100.0	99.9	92.8	64.4	28.6	8.1	1.3	65.3	669
	18-20	100.0	100.0	100.0	99.8	96.3	74.9	41.4	15.6	4.2	68.8	649
	21-23	100.0	100.0	100.0	100.0	97.7	78.5	42.9	17.3	3.0	69.5	660
TOTALS		100.0	100.0	100.0	100.0	97.1	76.5	41.7	15.6	4.0	69.0	5264

0-87-5 (OL A)

RELATIVE HUMIDITY

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
MAR	00-02	100.0	100.0	100.0	100.0	99.2	88.3	60.7	27.5	6.1	73.7	720
	03-05	100.0	100.0	100.0	100.0	99.6	90.0	61.7	29.9	7.0	74.4	732
	06-08	100.0	100.0	100.0	100.0	99.2	91.2	64.7	31.2	9.6	74.9	719
	09-11	100.0	100.0	100.0	100.0	97.4	79.8	45.5	18.1	4.1	70.3	723
	12-14	100.0	100.0	100.0	97.9	85.9	59.0	23.5	7.7	1.4	63.3	715
	15-17	100.0	100.0	99.7	95.5	80.0	52.9	20.1	5.8	.3	61.3	726
	18-20	100.0	100.0	100.0	99.4	95.0	75.2	41.9	13.3	1.0	68.3	713
	21-23	100.0	100.0	100.0	100.0	98.5	87.4	57.8	23.1	3.5	72.6	720
TOTALS		100.0	100.0	100.0	99.1	94.4	78.0	47.0	19.6	4.1	69.9	5768

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142
STATION

EDMONTON IAP CN
STATION NAME

74-81
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	98.6	94.4	81.5	56.7	27.7	9.7	72.3	693
	03-05	100.0	100.0	100.0	99.4	97.7	88.1	64.6	35.0	11.5	75.2	695
	06-08	100.0	100.0	99.9	98.4	94.9	83.5	60.4	30.6	9.5	73.4	684
	09-11	100.0	99.1	93.9	81.4	65.8	49.7	27.2	12.1	3.8	59.0	688
	12-14	100.0	95.8	79.8	62.6	45.3	31.5	16.3	6.0	2.0	49.7	689
	15-17	100.0	92.1	75.1	55.9	42.4	26.8	13.7	6.9	2.0	47.2	708
	18-20	100.0	97.3	88.3	74.0	58.6	41.6	22.1	7.7	2.6	55.2	700
	21-23	100.0	100.0	98.7	95.4	84.4	68.0	43.7	20.7	5.9	67.1	691
TOTALS		100.0	98.0	92.0	83.2	72.9	58.8	38.1	18.3	5.9	62.4	5548

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

15142
STATION

EDMONTON IAP CN

STATION NAME

74-81

PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.7	97.9	88.8	75.1	55.2	38.0	18.7	73.1	726
	03-05	100.0	100.0	100.0	99.0	95.7	85.1	69.1	47.7	23.9	77.8	727
	06-08	100.0	100.0	99.9	96.2	86.0	73.2	54.6	34.3	13.1	71.5	709
	09-11	100.0	99.4	91.5	72.9	51.5	37.0	25.7	13.6	5.4	55.3	719
	12-14	100.0	96.9	75.3	52.2	34.9	23.0	16.0	10.9	4.8	47.1	705
	15-17	100.0	95.5	69.2	47.3	32.3	22.2	15.0	9.4	4.1	45.0	731
	18-20	100.0	97.2	80.5	60.1	43.6	30.4	20.6	12.2	6.0	50.5	714
	21-23	100.0	99.7	98.5	91.9	75.4	57.4	40.3	26.1	11.1	65.8	720
TOTALS		100.0	98.6	89.3	77.2	63.5	50.4	37.1	24.0	10.9	60.8	5751

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

20142
STATION

EDMONTON IAP CN
STATION NAME

73-80
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.6	98.0	92.1	80.0	57.9	27.7	81.3	700
	03-05	100.0	100.0	100.0	100.0	99.1	95.4	88.2	70.9	36.6	84.8	702
	06-08	100.0	100.0	100.0	99.4	95.8	87.2	73.8	46.5	22.3	78.0	690
	09-11	100.0	100.0	99.4	90.3	71.8	50.4	32.7	15.4	5.8	62.2	694
	12-14	100.0	100.0	93.3	74.7	44.8	28.3	18.2	8.5	2.9	52.6	683
	15-17	100.0	99.7	90.6	65.8	35.9	23.7	15.5	8.9	3.9	49.7	699
	18-20	100.0	100.0	94.8	78.9	55.0	36.0	24.5	13.5	4.1	56.3	687
	21-23	100.0	100.0	100.0	98.4	92.2	79.1	61.4	37.6	14.4	73.8	708
TOTALS		100.0	100.0	97.3	88.4	74.1	61.5	49.3	32.4	14.7	67.3	5563

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142 EDMONTON IAP CN

73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.4	97.8	94.8	80.8	48.8	87.8	725
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	97.3	87.8	64.3	90.4	737
	06-08	100.0	100.0	100.0	100.0	99.7	97.9	89.9	65.8	31.3	84.2	716
	09-11	100.0	100.0	100.0	98.8	92.8	72.4	42.8	17.9	6.5	68.6	720
	12-14	100.0	100.0	98.9	93.2	70.3	38.5	19.4	9.1	4.2	58.7	716
	15-17	100.0	100.0	99.2	89.3	59.3	31.8	19.0	8.9	3.6	56.7	720
	18-20	100.0	100.0	99.7	95.7	82.7	59.3	38.0	17.3	5.6	65.3	713
	21-23	100.0	100.0	100.0	99.7	98.6	96.3	86.6	60.6	24.6	82.3	723
TOTALS		100.0	100.0	99.7	97.1	87.9	74.1	61.0	43.5	23.6	74.3	5770

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142 EDMONTON IAP CN

73-80

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.7	88.4	58.0	89.9	724
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	92.2	73.4	92.4	728
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	86.4	56.8	89.7	711
	09-11	100.0	100.0	100.0	99.7	96.7	85.6	61.8	31.0	13.3	74.1	722
	12-14	100.0	100.0	99.4	95.8	78.9	49.9	27.8	13.3	3.8	62.5	720
	15-17	100.0	100.0	98.9	93.1	67.5	41.2	22.2	10.2	3.2	59.2	726
	18-20	100.0	100.0	99.9	98.6	91.7	75.1	54.9	27.3	7.9	71.2	710
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	93.6	74.9	35.8	85.6	732
TOTALS		100.0	100.0	99.8	98.4	91.9	81.3	69.2	53.0	31.5	78.1	5773

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142
STATION

EDMONTON IAP CN
STATION NAME

73-80
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.9	99.6	99.1	96.4	81.6	44.4	87.5	702
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	97.0	87.5	57.2	89.7	706
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.2	85.5	51.5	89.0	683
	09-11	100.0	100.0	100.0	99.3	94.7	80.2	62.2	33.7	16.3	74.0	701
	12-14	100.0	100.0	99.6	87.4	66.1	43.6	29.7	16.0	7.3	60.2	688
	15-17	100.0	100.0	98.0	80.9	57.4	38.7	24.9	14.5	6.8	57.5	702
	18-20	100.0	100.0	100.0	98.4	90.4	77.8	59.7	33.4	12.0	72.7	698
	21-23	100.0	100.0	100.0	100.0	99.3	97.3	90.5	68.6	27.3	83.8	708
TOTALS		100.0	100.0	99.7	95.7	88.4	79.5	69.7	52.6	27.9	76.8	5588

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142

EDMONTON IAP CN

73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.7	97.9	89.0	68.6	46.7	20.8	77.6	726
	03-05	100.0	100.0	100.0	100.0	98.5	94.3	74.7	53.1	24.4	79.9	731
	06-08	100.0	100.0	100.0	99.9	97.9	94.2	77.9	57.0	25.5	80.5	719
	09-11	100.0	100.0	99.6	95.0	83.7	67.2	44.5	27.6	12.1	68.7	717
	12-14	100.0	99.7	92.1	72.7	49.3	31.2	19.6	12.0	4.3	53.7	724
	15-17	100.0	100.0	91.7	71.4	46.5	28.1	16.4	10.3	3.9	52.6	725
	18-20	100.0	100.0	99.7	95.6	85.2	67.6	43.2	24.4	8.6	67.7	722
	21-23	100.0	100.0	100.0	99.6	94.5	82.2	57.8	36.4	13.2	73.9	729
TOTALS		100.0	100.0	97.9	91.7	81.7	69.2	50.3	33.5	14.1	69.3	5793

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142
STATION

EDMONTON IAP CN
STATION NAME

73-80
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	98.3	94.8	83.6	62.4	34.1	10.8	74.1	697
	03-05	100.0	100.0	100.0	98.4	96.5	87.1	65.4	35.2	12.3	75.0	708
	06-08	100.0	100.0	100.0	99.1	96.2	90.1	69.0	40.4	14.2	76.1	684
	09-11	100.0	100.0	99.4	96.4	90.0	80.1	57.4	29.3	9.4	71.8	702
	12-14	100.0	99.6	94.6	80.9	67.9	52.4	32.9	15.5	3.7	60.7	702
	15-17	100.0	99.7	95.5	82.6	69.9	55.4	36.2	15.6	4.2	61.5	707
	18-20	100.0	100.0	99.6	97.0	89.2	74.6	49.9	25.3	7.2	69.9	697
	21-23	100.0	100.0	100.0	98.7	93.9	81.9	56.8	31.0	9.2	72.5	706
TOTALS		100.0	99.9	98.6	93.9	87.3	75.7	53.8	28.3	8.9	70.2	5603

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142

EDMONTON IAP CN

73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.9	99.4	90.3	63.3	31.1	9.8	74.7	714
	03-05	100.0	100.0	100.0	100.0	99.4	91.5	62.8	28.7	11.3	74.6	717
	06-08	100.0	100.0	100.0	100.0	99.2	90.0	59.0	28.0	9.9	74.1	719
	09-11	100.0	100.0	100.0	99.9	98.9	90.2	59.6	27.6	11.7	74.1	717
	12-14	100.0	100.0	100.0	99.9	97.2	86.7	50.6	21.7	7.8	71.8	714
	15-17	100.0	100.0	100.0	100.0	97.9	85.5	51.7	22.6	7.6	71.8	726
	18-20	100.0	100.0	100.0	99.9	97.6	89.2	58.8	25.9	9.4	73.3	721
	21-23	100.0	100.0	100.0	99.7	98.1	87.3	56.7	28.9	10.5	73.5	726
TOTALS		100.0	100.0	100.0	99.9	98.5	88.8	57.8	26.8	9.8	73.5	5754

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25142
STATION

EDMONTON IAP CN

STATION NAME

73-81

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.9	96.8	81.3	46.2	16.8	3.4	70.0	5764
FEB		100.0	100.0	100.0	100.0	97.1	76.5	41.7	15.6	4.0	69.0	5264
MAR		100.0	100.0	100.0	99.1	94.4	78.0	47.0	19.6	4.1	69.9	5768
APR		100.0	98.0	92.0	83.2	72.9	58.8	38.1	18.3	5.9	62.4	5548
MAY		100.0	98.6	89.3	77.2	63.5	50.4	37.1	24.0	10.9	60.8	5751
JUN		100.0	100.0	97.3	88.4	74.1	61.5	49.3	32.4	14.7	67.3	5563
JUL		100.0	100.0	99.7	97.1	87.9	74.1	61.0	43.5	23.6	74.3	5770
AUG		100.0	100.0	99.8	98.4	91.9	81.3	69.2	53.0	31.5	78.1	5773
SEP		100.0	100.0	99.7	95.7	88.4	79.5	69.7	52.6	27.9	76.8	5588
OCT		100.0	100.0	97.9	91.7	81.7	69.2	50.3	33.5	14.1	69.3	5793
NOV		100.0	99.9	98.6	93.9	87.3	75.7	53.8	28.3	8.9	70.2	5603
DEC		100.0	100.0	100.0	99.9	98.5	88.8	57.8	26.8	9.8	73.5	5754
TOTALS		100.0	99.7	97.9	93.7	86.2	72.9	51.8	30.4	13.2	70.1	67939

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

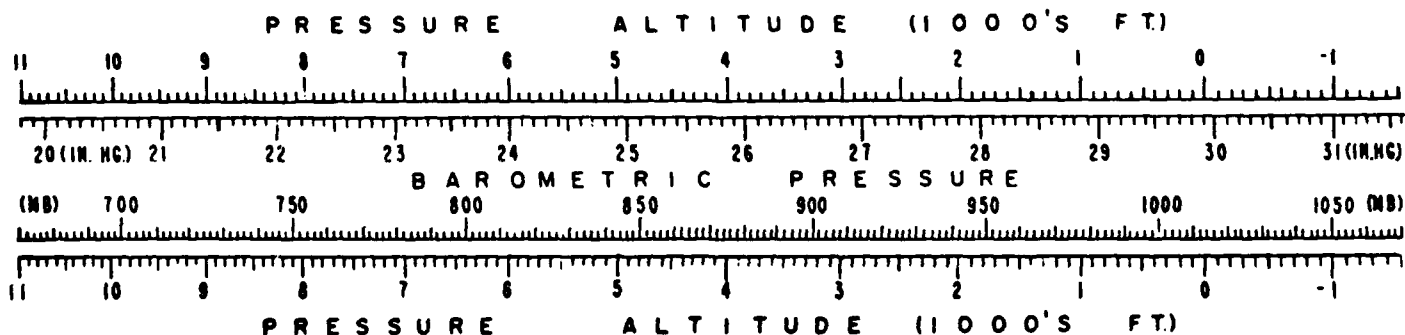
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



CLICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

2142 EDMONTON IAP CN

73-81

STATION

STATION NAME

YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1	MEAN	27.472	27.430	27.362	27.414	27.390	27.389	27.448	27.451	27.470	27.428	27.419	27.392	27.422
	S.D.	.248	.244	.240	.196	.185	.160	.151	.162	.191	.196	.277	.265	.215
	TOTAL OBS	235	221	239	232	240	235	245	241	236	244	235	240	2843
14	MEAN	27.486	27.446	27.372	27.433	27.406	27.407	27.465	27.465	27.485	27.441	27.429	27.403	27.437
	S.D.	.245	.247	.239	.198	.191	.164	.157	.167	.193	.203	.287	.271	.220
	TOTAL OBS	240	224	248	238	247	238	246	247	239	246	238	247	2906
17	MEAN	27.476	27.433	27.374	27.434	27.404	27.403	27.463	27.462	27.484	27.435	27.428	27.394	27.432
	S.D.	.245	.248	.231	.194	.192	.167	.151	.169	.189	.199	.285	.267	.218
	TOTAL OBS	238	216	239	223	235	229	240	237	230	238	231	239	2795
20	MEAN	27.503	27.451	27.392	27.443	27.413	27.405	27.474	27.471	27.493	27.445	27.450	27.413	27.446
	S.D.	.250	.251	.240	.199	.191	.167	.154	.169	.190	.206	.288	.271	.221
	TOTAL OBS	246	225	248	240	245	237	244	247	239	243	237	246	2897
23	MEAN	27.462	27.422	27.364	27.411	27.381	27.380	27.447	27.449	27.463	27.411	27.416	27.385	27.416
	S.D.	.251	.244	.231	.186	.185	.162	.146	.160	.180	.201	.277	.268	.214
	TOTAL OBS	242	218	237	229	240	231	240	239	232	245	231	234	2818
26	MEAN	27.482	27.426	27.366	27.414	27.380	27.377	27.447	27.445	27.469	27.422	27.439	27.407	27.423
	S.D.	.253	.248	.233	.191	.184	.173	.146	.161	.182	.200	.272	.267	.216
	TOTAL OBS	245	226	248	239	245	237	246	246	238	247	237	246	2900
29	MEAN	27.465	27.420	27.358	27.410	27.368	27.366	27.436	27.444	27.459	27.412	27.428	27.396	27.413
	S.D.	.246	.244	.234	.181	.178	.154	.147	.152	.182	.199	.272	.266	.212
	TOTAL OBS	240	216	234	231	237	232	237	236	232	239	235	242	2811
32	MEAN	27.481	27.438	27.375	27.430	27.399	27.397	27.465	27.463	27.484	27.430	27.443	27.416	27.435
	S.D.	.249	.248	.240	.194	.186	.158	.150	.164	.190	.204	.279	.274	.218
	TOTAL OBS	247	225	247	240	245	239	247	246	240	248	239	247	2910
ALL HOURS	MEAN	27.479	27.433	27.371	27.424	27.393	27.391	27.456	27.456	27.476	27.428	27.431	27.400	27.428
	S.D.	.248	.247	.236	.193	.187	.163	.150	.163	.187	.201	.279	.268	.217
	TOTAL OBS	1941	1771	1940	1872	1934	1878	1945	1939	1886	1950	1883	1941	22880

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

2142 EDMONTON IAP CN

73-81

STATION		STATION NAME												YEARS											
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
10	MEAN	1020.11	1018.0	1014.3	1014.6	1012.7	1011.9	1013.8	1014.2	1015.6	1014.8	1016.2	1016.5	1015.2											
	S.D.	10.072	10.077	9.518	7.719	7.208	6.240	5.771	6.300	7.360	7.636	11.089	10.925	8.754											
	TOTAL OBS	236	221	239	233	240	235	245	242	236	243	235	240	2845											
11	MEAN	1020.4	1018.3	1014.3	1015.0	1013.0	1012.2	1014.2	1014.4	1015.7	1015.0	1016.5	1016.5	1015.4											
	S.D.	9.882	9.958	9.351	7.619	7.268	6.332	5.775	6.330	7.287	7.693	11.277	11.054	8.756											
	TOTAL OBS	243	224	247	238	247	238	247	247	239	246	237	247	2905											
12	MEAN	1020.5	1018.5	1015.1	1015.7	1013.2	1012.3	1014.4	1014.8	1016.4	1015.7	1017.1	1016.5	1015.8											
	S.D.	9.902	10.275	9.270	7.529	7.337	6.405	5.671	6.427	7.268	7.690	11.423	11.038	8.791											
	TOTAL OBS	238	216	241	227	235	230	240	236	229	239	229	240	2800											
13	MEAN	1020.9	1018.4	1015.0	1015.4	1013.1	1012.1	1014.3	1014.5	1016.0	1015.1	1017.1	1017.0	1015.7											
	S.D.	10.004	10.178	9.231	7.531	7.234	6.299	5.722	6.323	7.089	7.816	11.326	11.003	8.792											
	TOTAL OBS	246	225	248	240	245	237	244	247	239	244	237	246	2898											
14	MEAN	1019.7	1017.6	1014.4	1014.5	1012.4	1011.6	1013.8	1014.2	1015.3	1014.1	1016.1	1016.3	1015.0											
	S.D.	10.077	10.065	9.129	7.310	7.145	6.201	5.539	6.059	6.861	7.806	11.044	10.965	8.641											
	TOTAL OBS	242	219	238	227	240	232	239	239	232	246	233	237	2824											
17	MEAN	1020.1	1017.5	1014.1	1014.2	1012.0	1011.0	1013.4	1013.7	1015.1	1014.2	1016.8	1016.8	1014.9											
	S.D.	10.083	10.101	9.051	7.303	6.965	6.068	5.461	5.998	6.821	7.636	10.760	10.856	8.623											
	TOTAL OBS	246	226	248	239	245	238	246	246	238	247	237	246	2902											
20	MEAN	1020.1	1018.0	1014.5	1014.6	1011.9	1011.0	1013.4	1014.2	1015.5	1014.8	1017.0	1017.0	1015.2											
	S.D.	10.028	10.250	9.278	7.188	6.876	5.974	5.570	5.855	6.979	7.755	10.814	11.062	8.696											
	TOTAL OBS	241	217	234	233	238	232	237	239	233	238	233	242	2817											
23	MEAN	1020.1	1018.0	1014.4	1014.8	1012.6	1011.8	1014.0	1014.3	1015.6	1014.5	1016.8	1017.0	1015.3											
	S.D.	9.998	10.118	9.384	7.417	7.094	6.052	5.681	6.233	7.155	7.734	11.032	11.110	8.725											
	TOTAL OBS	247	225	247	240	245	239	247	246	240	248	239	247	2910											
ALL HOURS	MEAN	1020.2	1018.0	1014.5	1014.8	1012.6	1011.7	1013.9	1014.3	1015.6	1014.8	1016.7	1016.7	1015.3											
	S.D.	9.993	10.113	9.266	7.454	7.144	6.204	5.651	6.190	7.102	7.721	11.082	10.985	8.727											
	TOTAL OBS	1944	1773	1942	1877	1935	1881	1945	1942	1886	1951	1880	1945	22901											

